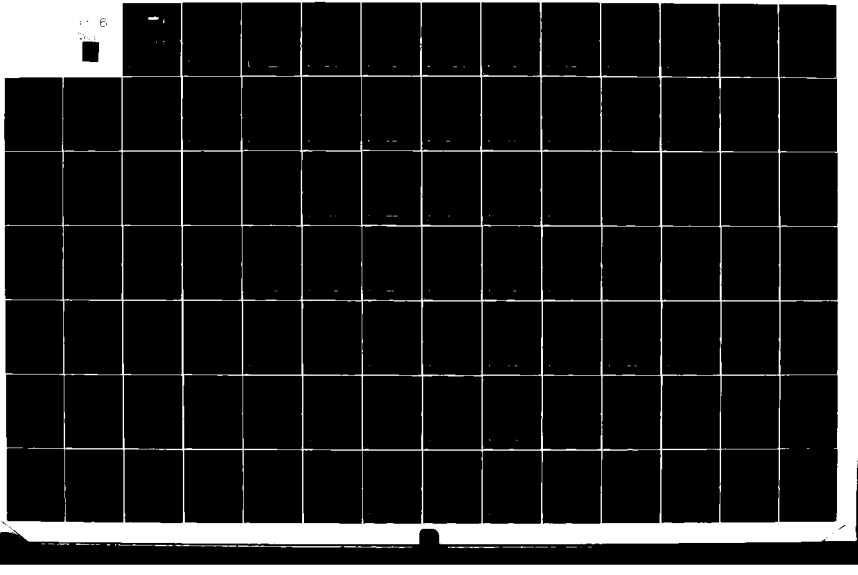
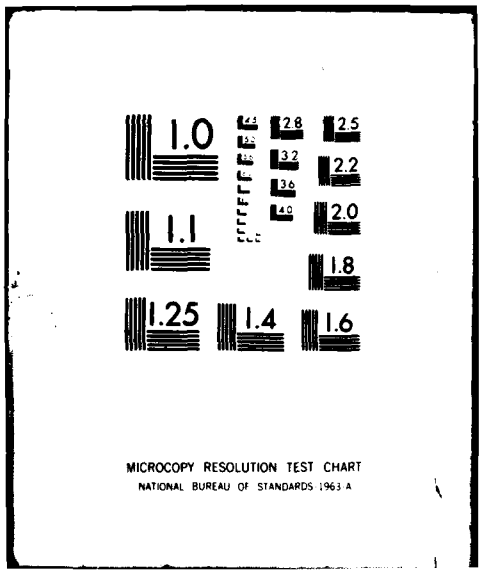
AD-A082 411 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PEASE AFB, PORTSMOUTH, NEW HAMPSHIRE. REVISED UNIFORM SUMMARY O--ETC(U)
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

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Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

PEASE AFB NH/PORTSMOUTH WBAN# 04743
N 43 05 W 070 49 ELEV 111 FT KPSM WMO#

PARTS A-F

POR FROM HOURLY OBS: APR 56-DEC 70
POR FROM DAILY OBS: APR 56-DEC 70

MAY 25 1972

FEDERAL BUILDING
ASHEVILLE, N. C.

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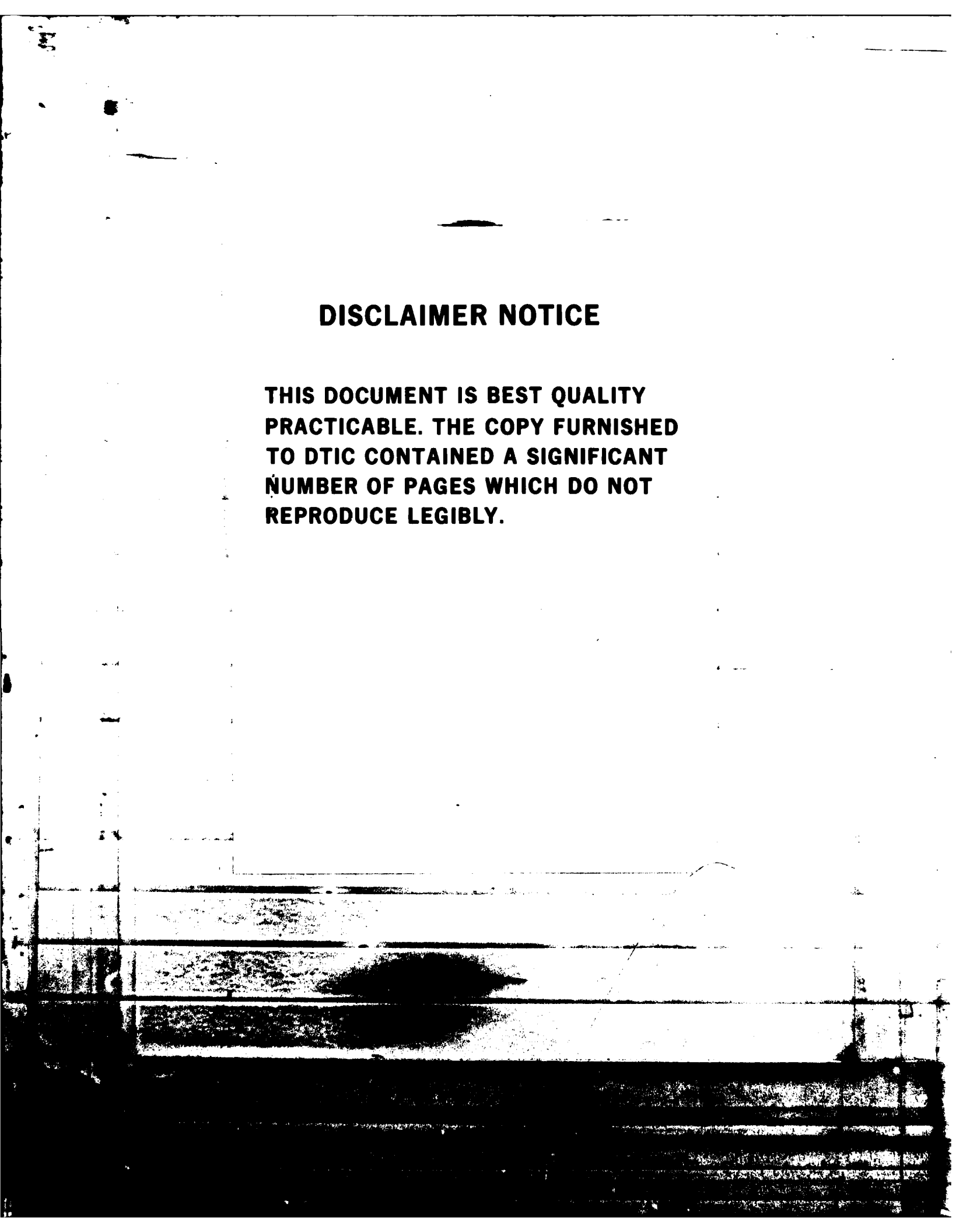
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7. AUTHOR(s)		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
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18. SUPPLEMENTARY NOTES

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

*RUSSWO	Daily temperature	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative humidity	*Climatological data	(over)

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is a six-part statistical summary of surface weather observations for Pease AFB, Portsmouth, New Hampshire
It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* New Hampshire * Pease AFB, New Hampshire

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL
SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP
EXTREME MAX & MIN TEMP
PSYCHROMETRIC-DRY VS WET BULB
MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)
RELATIVE HUMIDITY

PART F STATION PRESSURE
SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY_____	APRIL_____	JULY_____	OCTOBER_____
FEBRUARY_____	MAY_____	AUGUST_____	NOVEMBER_____
MARCH_____	JUNE_____	SEPTEMBER_____	DECEMBER_____

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
04743	PEASE AFB N H/PORTSMOUTH	N 43 05	W 070 49	111	KPSM	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	Hgt of BAROMETER	
1	Pease AFB, Portsmouth N H	AFB	Apr 56	Feb 57	N 43 05	W 070 46	104	N/A	24
2	No change	AFB	Mar 57	22 Feb 60	No chge	W 070 49	111	88 ft.	24
3	No change	AFB	23 Feb 60	Dec 70	No chge	No chge	No chge	127 ft.	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Apr 56 to 24 Apr 56	Located 50 ft. S of the weather station.	AN/GMQ-11	ML204B	15 ft.	
2	25 Apr 56 to Feb 57	Located on the ground	AN/GMQ-1	N/A	N/A	
3	Mar 57 to Feb 58	Located 750 ft. W of centerline of Rnwy 16/34.	AN/GMQ-11	RO-2	13 ft.	--
4	Mar 58 to Feb 59	Located 500 ft. off center at N end of Rnwy 16.	No chge	No chge	No chge	

USAFETAC FORM APR 60 0-19 (OL A)

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
5	Mar 59 to 22 Feb 60	Located 3350 ft. WNW of weather station.	No chge	No chge	No chge	
6	23 Feb 60 to Feb 62	Located 1000 ft. from touchdown pt on W side of Rnwy 16.	AN/GMQ-11	RO-2	15 ft.	
7	Mar 62 to Feb 63	Located 500 ft W of Rnwy 16/34 centerline, 3700 ft. S of N end of Rnwy.	No chge	No chge	13 ft.	
8	Mar 63 to 27 Mar 69	1. Located 1500 ft. S of N end of Rnwy 16, 500 ft E of centerline of the Rnwy.	No chge	No chge	No chge	
		2. Located 750 ft. N of S end of Rnwy 34, 500 ft E of centerline of the Rnwy.	No chge		No chge	
9	28 Mar 69 to Sep 70	1. No change	No chge	RO-362	No chge	
		2. No change	No chge		No chge	
10	Oct 70 to Dec 70	1. No change	AN/GMQ-20	No chge	No chge	
		2. No change	No chge		No chge	

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A

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04743 (STATION) | PEASE AFB N H/PORTSMOUTH (STATION NAME) | 56-70 (YEARS) | ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	5.0	1.3	10.7		16.2	13.8	5.5	1.1		18.5	10416
FEB			4.8	.8	12.1		16.6	13.5	3.9	1.8		17.9	9480
MAR			7.5	.4	9.2	.0	16.0	16.4	4.3	1.0		19.8	10414
APR		.1	13.1	.1	2.3	.0	14.6	15.4	3.7			18.0	10608
MAY		.4	12.4		.1		12.4	14.8	4.2			17.7	11160
JUN		.8	9.9				9.9	17.5	10.6			25.1	10800
JUL		1.1	7.1				7.1	17.8	16.6			30.0	11157
AUG		.7	7.5				7.5	16.3	15.7			28.3	11160
SEP		.2	10.2				10.2	18.6	10.4			25.3	10800
OCT		.1	10.4		.3		10.7	18.7	7.8			23.1	11159
NOV		.1	15.1	.2	2.0		16.7	20.4	5.5	.1		24.1	10799
DEC			6.5	1.2	12.0		18.8	16.3	4.9	.8		20.6	11160
TOTALS		.3	9.1	.3	4.1	.0	13.1	16.6	7.8	.4		22.4	129113

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.1	4.6	1.5	12.4		17.5	15.1	5.1	1.2		19.7	1302
	03-05		4.1	2.1	11.2		16.4	15.6	5.4	.9		20.2	1302
	06-08		4.8	1.8	8.9		15.1	17.1	6.8	.9		22.4	1302
	09-11		5.0	1.2	9.8		15.4	14.5	7.3	.9		19.9	1302
	12-14		5.4	.4	10.4		15.6	11.0	4.7	1.2		15.5	1302
	15-17		5.3	.5	10.2		15.7	11.0	4.3	1.0		15.1	1302
	18-20		5.9	1.4	10.9		17.2	12.2	5.4	1.2		17.4	1302
	21-23		4.5	1.1	11.8		16.6	13.5	5.1	1.2		17.9	1302
TOTALS		.0	5.0	1.3	10.7		16.2	13.8	5.5	1.1		18.5	10416

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WEATHER CONDITIONS

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		4.3	.8	11.9		16.2	13.9	3.5	1.7		17.0	1185
	03-05		4.1	.5	12.9		16.9	14.0	2.4	1.4		16.5	1185
	06-08		3.6	.8	13.7		17.4	15.9	6.2	1.4		21.5	1185
	09-11		4.6	.5	13.3		17.2	14.6	5.3	2.1		20.7	1185
	12-14		5.2	.5	11.6		16.4	12.3	3.6	1.5		17.1	1185
	15-17		5.7	.7	11.0		15.7	11.6	3.6	2.1		16.4	1185
	18-20		5.4	1.1	11.4		16.4	11.9	3.9	2.6		17.3	1185
	21-23		5.6	1.3	11.0		16.5	14.1	2.7	1.9		17.0	1185
TOTALS			4.8	.8	12.1		16.6	13.5	3.9	1.8		17.9	9480

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WEATHER CONDITIONS

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		7.0	.2	9.5		15.6	18.7	4.4	.9		21.7	1302
	03-05		7.4	.8	10.6		17.2	20.4	3.8	.9		22.8	1302
	06-08		7.5	.7	9.4		16.8	20.5	4.0	1.4		23.0	1302
	09-11		8.5	.4	10.4		17.6	17.1	3.3	.9		20.0	1302
	12-14		7.2	.2	8.8		15.2	12.7	4.0	.8		16.5	1302
	15-17		7.8	.2	7.9		15.0	11.6	5.1	.8		16.2	1300
	18-20		7.7	.2	8.6	.1	15.0	14.6	5.7	.8		19.4	1302
	21-23		7.1	.5	8.7		15.9	15.4	4.0	1.2		18.7	1302
TOTALS			7.5	.4	9.2	.0	16.0	16.4	4.3	1.0		19.8	10414

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.1	13.5	.2	2.3		15.2	19.9	3.4			22.0	1326
	03-05		13.7	.1	2.8		15.3	20.7	4.1			23.4	1326
	06-08	.1	11.5		2.7		13.5	18.8	4.4			22.0	1326
	09-11	.2	12.2		2.5	.1	13.8	12.7	2.5			14.6	1326
	12-14	.2	12.4		2.5	.1	14.0	10.0	2.9			12.1	1326
	15-17		12.4		1.4		13.4	9.8	3.0			12.1	1326
	18-20	.2	14.2	.1	1.7		15.0	13.1	4.4			16.3	1326
	21-23	.3	15.1	.1	2.2		16.6	18.3	4.8			21.5	1326
TOTALS		.1	13.1	.1	2.3	.0	14.6	15.4	3.7			18.0	10608

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.4	13.1				13.1	19.3	4.1			21.9	1395
	03-05	.1	12.7				12.7	22.7	4.4			25.4	1395
	06-08		12.4		.1		12.4	18.0	4.9			20.5	1395
	09-11		10.6		.1		10.6	11.5	3.0			13.4	1395
	12-14	.3	11.5				11.5	9.1	3.4			11.7	1395
	15-17	.9	12.0				12.0	8.8	4.5			12.8	1395
	18-20	.7	13.1		.1		13.1	12.5	5.0			16.1	1395
	21-23	.6	13.7		.1		13.7	16.6	4.3			19.4	1395
TOTALS		.4	12.4		.1		12.4	14.8	4.2			17.7	11160

USAFETAC FORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
2 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.2	9.4				9.4	23.9	12.1			31.6	1350
	03-05	.4	9.6				9.6	30.4	12.4			36.6	1350
	06-08	.2	9.6				9.6	22.5	11.9			29.9	1350
	09-11	.3	8.9				8.9	12.0	10.4			20.4	1350
	12-14	.5	11.6				11.6	9.0	9.1			17.0	1350
	15-17	2.4	11.3				11.3	10.4	7.8			17.3	1350
	18-20	1.7	9.9				9.9	13.8	9.2			21.1	1350
	21-23	.6	9.2				9.2	18.3	11.9			27.2	1350
TOTALS		.8	9.9				9.9	17.3	10.6			25.1	10800

USAFETAC FORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.3	6.2				6.2	25.4	16.6			35.2	1395
	03-05	.1	7.5				7.5	32.6	15.1			40.1	1395
	06-08	.3	8.4				8.4	27.5	15.8			36.8	1395
	09-11	.1	7.3				7.3	12.5	15.5			26.2	1395
	12-14	1.0	5.7				5.7	7.0	12.8			18.8	1394
	15-17	2.7	7.3				7.3	5.7	16.1			20.8	1394
	18-20	2.7	7.4				7.4	12.3	19.4			28.0	1394
	21-23	1.2	7.3				7.3	19.1	21.4			34.1	1395
TOTALS		1.1	7.1				7.1	17.8	16.6			30.0	11197

USAFETAC FORM AWS 64 0-10-8 (CL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.4	6.6				6.6	22.6	15.1			32.9	1395
	03-05	.6	8.4				8.4	29.3	15.3			37.8	1395
	06-08	.1	8.7				8.7	27.0	18.9			38.9	1395
	09-11	.1	5.4				5.4	10.1	16.3			24.2	1395
	12-14	.6	6.8				6.8	5.9	13.0			18.1	1395
	15-17	1.4	7.1				7.1	6.7	11.9			17.5	1395
	18-20	1.9	8.5				8.5	11.7	16.3			25.8	1395
	21-23	.6	8.1				8.1	17.3	18.6			31.5	1395
TOTALS		.7	7.5				7.5	16.3	15.7			28.3	11160

USAFETAC FORM AGE 64 0-10-8 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.1	11.6				11.6	27.7	11.9			33.7	1350
	03-05	.1	12.1				12.1	30.1	9.9			34.7	1350
	06-08		9.8				9.8	26.2	12.5			32.4	1350
	09-11		9.7				9.7	13.9	9.8			21.4	1350
	12-14	.2	8.8				8.8	9.5	7.6			16.0	1350
	15-17	.4	9.7				9.7	9.1	8.4			16.1	1350
	18-20	.4	9.9				9.9	13.3	10.9			21.6	1350
	21-23	.3	10.0				10.0	19.0	11.8			26.8	1350
TOTALS		.2	10.2				10.2	18.6	10.4			25.3	10800

USAFETAC FORM 0-10-8 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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WEATHER CONDITIONS

04743 — STATION
PEASE AFB N H/PORTSMOUTH — STATION NAME
56-70 — YEARS
OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02		10.8		.3		11.0	24.1	7.2			27.3	1395
	03-05		11.0		.1		11.1	28.7	7.3			31.3	1395
	06-08		11.0		.3		11.2	29.5	9.0			32.3	1395
	09-11		11.0		.4		11.4	15.1	8.8			22.0	1395
	12-14		9.6		.6		10.2	9.7	6.4			14.6	1394
	15-17	.2	9.9		.4		10.2	11.0	6.5			15.8	1395
	18-20	.3	9.2		.2		9.5	13.4	8.7			18.9	1395
	21-23	.1	10.5		.1		10.6	18.3	8.2			22.6	1395
TOTALS		.1	10.4		.3		10.7	18.7	7.8			23.1	11159

USAFETAC FORM [illegible] 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		16.3	.3	2.7		18.6	24.2	4.1	.1		26.3	1350
	03-05		15.5	.4	2.7		17.6	23.7	3.7			25.7	1350
	06-08	.1	14.6	.2	1.6		16.2	24.6	3.7	.1		26.8	1350
	09-11	.1	14.4	.1	1.7		15.9	20.3	6.9	.2		25.0	1350
	12-14	.1	13.7		1.7		15.2	15.0	6.4			20.1	1349
	15-17		14.7		1.4		15.4	15.8	7.5			21.1	1350
	18-20		14.4	.1	1.6		15.4	18.4	5.9	.1		22.2	1350
	21-23	.1	17.0	.3	2.5		19.3	21.4	6.0			25.3	1350
TOTALS		.1	15.1	.2	2.0		16.7	20.4	5.5	.1		24.1	10799

USAFETAC FORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		6.2	1.2	13.8		20.6	17.6	4.4	.9		21.6	1395
	03-05		5.9	.8	15.0		20.9	15.9	3.5	1.1		19.6	1395
	06-08		6.5	1.6	12.6		19.4	17.7	4.8	.9		22.1	1395
	09-11		6.1	1.1	10.6		17.3	17.2	5.4	1.1		21.7	1395
	12-14		6.5	1.2	10.8		17.6	14.6	4.9	.7		18.9	1395
	15-17		7.0	1.2	10.0		17.5	14.7	5.2	.5		19.3	1395
	18-20		6.9	1.1	10.8		18.1	16.0	5.1	.6		20.2	1395
	21-23		6.6	1.2	12.2		19.1	16.9	5.6	.5		21.2	1395
TOTALS			6.5	1.2	12.0		18.8	16.3	4.9	.8		20.6	11160

USAFETAC FORM 0-10-8 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

~~WEATHER CONDITIONS~~
ATMOSPHERIC PHENOMENA

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.2	21.9	7.9	43.0		50.8	38.6	25.2	5.1		48.3	433
FEB			22.0	6.1	43.0		52.4	36.2	23.3	7.8		45.1	395
MAR		.2	30.6	3.7	33.9	.2	49.8	41.2	22.4	3.2		46.8	434
APR		2.9	30.2	.7	13.1	.5	52.7	43.9	20.4			48.4	442
MAY		7.3	51.2		1.5	.2	51.2	44.3	23.0			49.0	465
JUN		13.9	50.7			.4	50.7	50.4	39.8			59.6	450
JUL		17.6	45.6			.2	45.6	52.7	50.1			62.2	465
AUG		12.3	44.7			.6	44.7	51.6	49.5			64.1	465
SEP		4.7	42.7				42.7	50.7	36.7			57.1	450
OCT		1.9	39.1		1.5		39.4	48.6	30.1			51.0	465
NOV		1.3	50.9	1.6	10.4		56.7	51.6	25.6	.9		55.6	450
DEC			27.7	8.0	41.7		54.4	41.2	20.8	3.2		48.4	465
TOTALS		5.2	39.6	2.3	18.2	.2	49.3	45.9	30.5	1.7		53.0	5379

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.

2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0830 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

04743 — STATION
PEASE AFB N H/PORTSMOUTH — STATION NAME
56-70 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	48.9	16.4	2.5	9.7	4.0	6.0	4.2	5.0	3.2	.2				34.7	403	3.66	12.26	.80
FEB	46.8	18.2	3.0	6.6	3.5	7.6	5.3	4.6	3.8	.3				34.9	395	3.85	6.27	1.06
MAR	50.0	14.3	3.2	6.5	6.0	7.4	6.0	4.1	4.5					35.7	434	3.34	5.75	1.73
APR	46.9	15.7	3.0	6.2	6.9	8.3	6.7	3.1	2.6					37.4	420	3.22	7.72	1.06
MAY	47.7	15.3	2.6	9.2	4.7	7.1	6.9	4.7	1.7					37.0	465	3.22	6.69	1.01
JUN	48.4	18.7	2.9	7.6	4.7	6.4	4.7	4.9	1.8					32.9	450	2.82	6.24	.89
JUL	52.7	16.2	3.7	5.2	3.0	7.1	5.0	3.9	2.6					31.0	465	3.12	5.05	.60
AUG	55.3	15.5	2.6	5.2	4.7	7.3	5.4	2.8	1.3					29.2	465	2.26	3.47	1.36
SEP	55.6	15.1	2.4	6.9	2.9	4.9	5.3	3.1	2.7	.9				29.1	450	3.70	8.10	1.11
OCT	59.1	14.2	1.7	4.9	2.6	6.7	3.4	4.1	3.6	.4	.2			26.7	465	3.65	12.10	.97
NOV	43.6	15.3	3.1	6.9	4.9	6.7	8.2	6.9	3.8	.7				41.1	450	5.09	12.35	2.80
DEC	45.4	17.2	3.2	7.3	4.3	6.2	5.4	7.3	3.4	.2				37.4	465	4.42	10.05	1.49
ANNUAL	50.0	16.0	2.9	6.9	4.2	6.8	5.6	4.5	2.7	.2	.0			33.9	5327	42.36		

1210 WS FORM JUL 64 0-15-5 (Dot 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
56					1.93	1.90	.78	.54	.68	2.73	1.92	1.03	
57	.75	.43	.53	1.06	1.36	.35	.64	.37	.37	1.39	1.04	.75	1.39
58	2.86	1.40	1.27	1.32	.63	1.14	1.11	.84	1.30	1.37	1.51	.56	2.86
59	1.28	1.06	1.28	.83	.61	.99	2.36	1.66	1.08	1.03	.89	1.61	2.36
60	1.39	2.23	.97	.82	2.06	.50	1.90	.61	4.03	1.39	1.87	1.88	4.03
61	1.57	1.34	.91	1.84	.87	1.35	2.37	.52	3.55	.77	1.19	.97	3.55
62	.70	1.28	1.27	1.07	.96	1.09	.72	1.47	1.32	6.73	1.42	2.21	6.73
63	1.25	.90	1.43	.50	1.60	.71	1.58	.52	1.94	.91	4.08	.65	4.08
64	1.31	1.82	2.17	.82	.22	.48	.91	1.40	.85	1.11	1.63	.76	2.17
65	1.02	4.11	.65	.71	.35	1.44	.54	.65	.77	1.50	1.24	.70	4.11
66		1.85	.60	.34	.75	.60	1.01	1.09	2.66	.90	1.15	1.34	
67	.88	1.10	1.32	1.16	1.13	1.64	1.16	.33	1.70	.43	.91	1.36	1.70
68	1.24	.62	2.43	1.32	1.14	1.22	.29	.88	1.10	1.49	2.63	2.03	2.63
69	1.20	1.84	1.50	.84	.23	.60	1.10	1.06	2.97	.50	1.65	3.03	3.03
70	.26	1.25	.96	2.33	1.59	.89	.36	1.31	1.35	3.09	.67	1.46	3.09
MEAN	1.21	1.36	1.29	1.07	1.08	.99	1.12	.90	1.71	1.69	1.59	1.33	3.21
S.D.	.607	.597	.547	.521	.586	.490	.639	.411	1.168	1.873	.868	.803	1.378
TOTAL OBS.	409	398	484	478	465	430	463	488	490	469	490	488	5257

USAF ETAC FORM JUL 64 0-88-5 (OL)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS)

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
56				1.60									PRECIP
				22									DAYS
66	1.92												PRECIP
	30												DAYS
MEAN													
S. D.													
TOTAL OBS.													

USAF ETAC FORM AM 64 0-88-5 (OLI)

2 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

04743 PEASE AFB N H/PORTSMOUTH 56-70
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	58.1	18.9	9.2	5.7	2.5	1.2	1.0	1.0	2.0	.2	.2			23.1	403	14.9	33.9	.3
FEB	56.7	16.2	11.1	5.6	3.5	1.8	1.3	.9	1.5	1.5				27.1	395	16.9	43.9	.6
MAR	66.6	13.1	6.2	5.3	1.4	3.2	1.2	1.2	.9	.5				20.1	434	13.4	25.0	.6
APR	88.2	7.4	2.2	1.0	.5	.5								4.4	390	1.2	6.0	.0
MAY	98.5	1.5													465	TRACE	TRACE	.0
JUN	100.0														450	.0	.0	.0
JUL	100.0														465	.0	.0	.0
AUG	100.0														465	.0	.0	.0
SEP	100.0														450	.0	.0	.0
OCT	98.5	.6	.2	.4	.2									.9	465	.2	2.0	.0
NOV	84.2	12.2	1.2	.7	.4	.4	.4	.2						1.6	450	1.7	7.9	.0
DEC	58.2	18.2	6.7	7.1	2.6	2.2	.9	1.5	1.2	.6	.4			23.4	465	17.4	38.4	2.1
ANNUAL	84.1	7.2	3.1	2.2	1.0	.6	.4	.4	.3	.2	.0			8.6	5297	65.6		

1210 WS FORM JUL 64 0-15-5 (Dot 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
56					.0	.0	.0	.0	.0	.0	2.7	10.3	
57	7.5	.3	2.7	2.8	.0	.0	.0	.0	.0	.0	TRACE	.8	7.5
58	8.9	10.5	9.7	1.3	.0	.0	.0	.0	.0	.0	TRACE	6.6	10.5
59	4.1	4.1	11.3	TRACE	.0	.0	.0	.0	.0	.0	3.8	12.6	12.6
60	11.3	5.1	9.1	TRACE	.0	.0	.0	.0	.0	.0	.0	15.5	15.5
61	17.5	13.9	8.4	3.2	.0	.0	.0	.0	.0	.1	5.8	16.8	17.5
62	3.1	13.2	3.2	1.1	.0	.0	.0	.0	.0	2.0	.6	6.6	13.2
63	8.2	7.0	4.1	TRACE	TRACE	.0	.0	.0	.0	TRACE	3.7	5.1	8.2
64	9.6	7.5	7.1	.2	.0	.0	.0	.0	.0	.0	TRACE	6.2	9.6
65	8.0	3.0	3.0	.3	.0	.0	.0	.0	.0	TRACE	.4	1.6	8.0
66		12.0	3.0	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	5.5	
67	.4	14.1	13.1		TRACE	.0	.0	.0	.0	.0	3.0	9.5	
68	7.0	3.2	4.8	.0	.0	.0	.0	.0	.0	.0	.2	.6	7.0
69	.3	2.0	.3	TRACE	.0	.0	.0	.0	.0	1.1	TRACE	12.9	12.9
70	1.8	8.6	4.2	1.8	.0	.0	.0	.0	.0	TRACE	.0	10.8	10.8
MEAN	6.75	7.48	6.01	.82	TRACE	.00	.00	.00	.00	.21	1.38	8.09	11.11
S.D.	4.83	4.68	3.78	1.13	.00	.00	.00	.00	.00	.59	1.67	3.63	3.32
TOTAL OBS.	408	398	408	396	408	420	408	408	420	408	420	408	3297

USAF ETAC FORM AR 44 0-88-5 (OL)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS)

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
56				1.9 22									SNOFALL DAYS
66	14.4 30												SNOFALL DAYS
67				4.7 29									SNOFALL DAYS
MEAN													
S. D.													
TOTAL OBS.													

USAF ETAC FORM NO. 0-08-6 (OL1)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PURTSMOUTH (STATION NAME) 56-70 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	11.7	4.2	15.1	13.9	11.7	16.1	17.6	8.4	1.2					84.1	403			
FEB	14.7	5.6	10.6	12.9	6.8	20.8	15.2	11.4	1.5	.5				79.7	395			
MAR	33.9	15.7	8.3	5.8	6.2	14.1	10.8	2.8	2.3	.2				50.5	434			
APR	96.0	1.4	1.2	.7	.2	.5								2.8	420			
MAY	100.0														465			
JUN	100.0														450			
JUL	100.0														465			
AUG	100.0														465			
SEP	100.0														450			
OCT	99.6		.2	.2										.4	465			
NOV	94.7	2.0	1.2	.4	.9	.4	.2							3.1	450			
DEC	45.6	7.7	8.0	6.9	6.0	14.2	7.7	3.7	.2					46.7	465			
ANNUAL	74.7	3.0	3.7	3.4	2.6	5.5	4.3	2.2	.4	.1				22.2	5327			

1210 WS FORM AWS 60 0-15-5 (Dec 58) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
56					0	0	0	0	0	0	3	11	
57	21	5	3	3	0	0	0	0	0	0	0	1	21
58	12	19	11	1	0	0	0	0	0	0	TRACE	7	19
59	4	8	15	0	0	0	0	0	0	0	4	12	15
60	14	10	12	0	0	0	0	0	0	0	0	16	16
61	19	21	11	4	0	0	0	0	0	0	7	26	26
62	9	19	10	1	0	0	0	0	0	0	1	5	19
63	8	14	10	0	0	0	0	0	0	0	4	6	14
64	12	13	8	0	0	0	0	0	0	0	0	7	13
65	8	6	3	0	0	0	0	0	0	0	0	3	8
66		30	4	0	0	0	0	0	0	0	0	6	
67	3	18	20	5	0	0	0	0	0	0	3	13	20
68	25	3	8	0	0	0	0	0	0	0	3	6	25
69	11	39	38	0	0	0	0	0	0	2	0	9	39
70	4	9	6	1	0	0	0	0	0	0	0	24	24
MEAN	[illegible]												
S.D.	[illegible]												
TOTAL OBS.	[illegible]												

USAF ETAC FORM [illegible]

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

04743 PEASE AFB N H/PORTSMOUTH 56-76
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
56				1									SNO DPTH
				22									DAYS
66	30												SNO DPTH
	30												DAYS
MEAN													
S. D.													
TOTAL OBS.													

USAF ETAC FORM [illegible] 0-80-5-(ER)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

   NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

   A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

   a. Three tables are prepared for all surface winds included, and for all years combined as follows:

      (1) Annual - all hours combined

      (2) By month - all hours combined

      (3) By month - by standard 3-hour groups

   b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
56									WNW 28	WNW 33	SW 36	NW 44	
57	WNW 40	WNW 32	N 36	WNW 35	NW 41	WNW 36	W 29	NNW 32	N 33	NW 31	S 35	S 43	S 43
58											WNW 35	WNW 29	
59	NW 42	NW 34	ENE 41	W 34	ENE 28	ENE 31	NW 27	WNW 33	NNW 25	S 41	NW 36	WNW 54	WNW 54
60	WNW 37	NE 44	NE 35	WNW 36	NW 25	WNW 28	NE 29	N 23	SSE 65	NW 90	W 34	NNW 38	SSE 65
61	NW 36	W 36	NW 32	ENE 36	NW 32						NW 35		
62	WNW 42	NE 35	ENE 42	NW 49	NW 47		NW 28		ENE 46	NW 36	E 44		
63								NW 32	WSW 34		SSE 46	W 34	
64	N 42	NW 45	WNW 46	WNW 38					SSW 32	NW 30	SE 43	NW 48	
65	WNW 39	NW 46	W 40	W 28	WNW 30	NW 37	W 44	W 49	S 29		WSW 45	NW 42	
66	NE 45	NW 37	WNW 44	NW 32	W 32	N 40	WSW 30	NW 27	WNW 39	NW 44	SE 39	W 39	NE 45
67	NE 40	WSW 48	NW 30	NNE 45	NE 45	NE 36	W 35	SW 23	NW 31	SW 32	W 32	NW 40	W 35
68	WNW 46	WNW 42	NW 38	WNW 42	NNE 34	NW 33	32/ 28	25/ 31	10/ 37	29/ 34	6/ 41	27/ 45	78/ 46
69	28/ 52	2/ 57	11/ 41	9/ 40	32/ 32	20/ 28	21/ 22	34/ 28	21/ 20	30/ 27	14/ 39	3/ 37	2/ 37
70	30/ 32	31/ 39	28/ 30	29/ 38	34/ 30	34/ 20	22/ 28	92/ 31	31/ 29	28/ 28	27/ 39	34/ 42	34/ 42
MEAN	41.3	41.3	38.6	37.8	34.8	38.1	31.6	31.6	33.9	33.3	38.8	40.7	36.6
S.D.	8.16	7.15	6.70	8.03	7.04	6.11	6.30	7.24	10.67	5.67	4.91	6.84	8.01
TOTAL OBS.	308	291	308	297	297	294	306	302	284	292	418	432	4186

USAF ETAC FORM 0-8-6 (OL)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
56				0	0	0	0	0					WINDS
													DAYS
58	N 42							N 37	NW 18	WNW 37			WINDS
	20	0	0	0	0	0	0	24	8	27			DAYS
61						WNW 28	WNW 22	WNW 23	NNE 28	NNE 27	WNW 30		WINDS
						19	10	12	6	13	16		DAYS
62						WNW 25		NE 34				WNW 50	WINDS
						25		26				26	DAYS
63	WNW 42	WNW 35	WNW 33	WNW 45	NW 32	W 33	NW 30			NNE 50			WINDS
	23	13	19	21	19	24	27			22			DAYS
64					WNW 43	WNW 39	WNW 30	W 31					WINDS
					24	21	23	27					DAYS
65										NW 43			WINDS
										26			DAYS
MEAN													
S. D.													
TOTAL OBS.													

USAF ETAC FORM 0-80-0 (OL)

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

06763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS)

ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.8	1.6	.7	.1	.0	.0					4.9	7.1
NNE	.5	1.3	1.4	.7	.1	.0	.0	.0				4.0	7.9
NE	.5	1.2	1.3	.8	.1	.0	.0					3.9	8.1
ENE	.4	.7	.8	.5	.1	.0						2.5	8.2
E	.4	1.0	1.1	.4	.1	.0	.0					3.1	7.6
ESE	.3	.9	1.0	.3	.0	.0	.0					2.5	7.1
SE	.5	1.5	1.8	.6	.0	.0	.0					4.5	7.3
SSE	.7	1.6	1.7	.7	.1	.0	.0					4.7	7.2
S	1.0	1.8	1.1	.6	.0	.0	.0					4.3	6.0
SSW	.8	1.6	1.1	.4	.0	.0						3.8	6.4
SW	1.3	2.8	2.2	.7	.1	.0		.0				7.0	6.5
WSW	1.3	3.0	2.1	.7	.1	.0	.0					7.2	6.4
W	2.1	6.3	3.7	2.1	.5	.1	.0					12.9	7.3
WNW	1.2	2.6	2.7	2.5	.9	.1	.0	.0				9.5	9.0
NW	1.1	2.3	2.6	2.2	.5	.1	.0					8.8	8.8
NNW	.7	1.6	1.3	.7	.1	.0	.0					4.5	7.3
VARBL													
CALM												11.8	
	18.7	39.7	37.2	14.6	2.9	.6	.0	.0				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 128618

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.0	2.0	1.3	.3	.1						6.5	8.1
NNE	.3	1.2	1.6	.9	.2	.0	.0					4.2	8.5
NE	.4	.8	.6	.9	.2	.0	.0					2.9	9.1
ENE	.3	.4	.4	.6	.3	.1						2.0	11.1
E	.4	.4	.2	.1	.1	.1						1.3	7.1
ESE	.2	.4	.1	.1								.8	5.6
SE	.2	.3	.2	.2	.0							.9	6.9
SSE	.2	.4	.2	.1	.1							1.1	7.2
S	.6	1.0	.5	.2	.0	.0						2.3	5.9
SSW	.8	1.5	.7	.3	.0							3.3	5.6
SW	1.3	2.7	1.5	.6	.0							6.1	6.0
WSW	1.7	2.9	2.2	.7	.1	.0						7.5	6.2
W	2.4	3.4	4.9	3.2	.5	.1						16.5	7.7
WNW	1.3	3.0	6.2	5.2	1.4	.2		.0				15.4	10.1
NW	1.3	2.4	2.6	2.6	.9	.2	.0					10.0	9.3
NNW	.9	2.2	2.0	1.1	.2	.1						6.4	7.8
VARBL													
CALM												12.7	
	18.2	27.0	28.9	18.0	6.2	1.0	.1	.0				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 9917

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.1	1.7	1.4	.3	.1	.0					6.4	8.4
NNE	.5	1.0	1.6	2.2	.4	.1	.0	.0				5.7	10.2
NE	.6	.8	1.2	.7	.3	.2	.0					3.7	9.2
ENE	.4	.6	.6	.3	.2	.0						2.1	8.3
E	.3	.7	.8	.4	.1	.1	.0					2.5	8.8
ESE	.3	.5	.5	.2	.0	.0						1.6	7.1
SE	.2	.7	.5	.1	.0							1.7	6.4
SSE	.5	.7	.7	.4	.1	.0						2.4	7.7
S	.7	1.1	.6	.2	.0	.0						2.7	6.1
SSW	.5	.9	.8	.3	.0							2.5	6.6
SW	.9	2.1	1.8	.7	.0	.0						5.5	6.8
WSW	1.0	2.3	2.3	1.3	.1		.0					7.1	7.6
W	1.7	4.1	4.6	6.3	.8	.2	.0					13.7	9.1
WNW	1.1	2.2	3.7	4.9	1.3	.5	.1					13.9	11.0
NW	1.0	2.2	3.0	3.1	.9	.3	.0					10.5	10.0
NNW	.7	1.3	1.3	1.0	.2	.0						5.1	7.8
VARBL													
CALM												11.0	
	11.2	23.9	28.6	21.5	5.1	1.5	.2	.0				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 9480

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04763 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — MAR MONTH

ALL WEATHER CLASS — ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.4	2.0	1.1	.2							6.6	7.6
NNE	.4	1.4	1.7	1.0	.2	.1						4.7	8.5
NE	.3	1.4	1.6	1.0	.4	.1	.0					4.9	9.3
ENE	.2	.6	1.0	1.0	.3	.1						3.2	10.4
E	.4	1.0	1.5	1.1	.2	.2						4.4	9.7
ESE	.4	.8	1.0	.3	.1	.0						2.6	7.5
SE	.5	1.2	1.2	.5	.1							3.6	7.3
SSE	.4	1.4	.9	.3								3.0	6.6
S	.7	1.2	.7	.3	.0							2.9	6.0
SSW	.5	1.0	.4	.2	.1							2.1	6.0
SW	.8	1.8	1.1	.4	.0							3.9	6.3
WSW	.9	2.0	1.4	.8	.1	.1						5.0	6.9
W	1.7	3.9	3.7	3.1	.8	.2						13.4	8.6
WNW	.8	2.4	3.4	3.9	.9	.2	.0					11.7	10.2
NW	.9	2.4	4.1	4.3	1.1	.2						13.0	10.3
NNW	.7	2.1	1.7	.7	.1							5.3	7.1
VARBL													
CALM												9.8	
	10.2	28.7	27.6	19.7	6.6	1.3	.0					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 10414

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.4	1.2	.9	.1	.0						4.3	7.6
NNE	.4	1.1	1.5	.8	.2	.0						4.0	8.4
NE	.5	1.1	1.5	1.3	.2	.0						4.6	8.9
ENE	.5	.9	1.1	.6	.1	.0						3.3	7.9
E	.5	1.2	1.9	.9	.0	.0						4.5	7.8
ESE	.4	1.3	2.0	.8	.0							4.5	7.8
SE	.5	2.3	3.3	1.5	.0							7.7	8.0
SSE	.7	1.7	2.1	1.2	.1							5.9	7.9
S	.9	1.3	1.0	.4	.0							3.8	6.3
SSW	.5	.8	1.0	.5	.0							2.9	7.1
SW	.7	1.4	1.8	.5	.1	.0						4.5	7.3
WSW	.7	2.1	1.5	.6	.1	.0						5.1	7.0
W	1.5	3.2	2.6	2.1	.5	.1	.0					9.9	8.1
WNW	.8	2.0	2.4	2.5	.7	.2	.0					8.6	9.6
NW	.8	2.2	3.0	2.8	.6	.3	.0					9.8	9.8
NNW	.6	1.5	1.5	1.0	.3	.1						4.8	8.2
VARBL													
CALM												11.8	
	10.7	28.8	29.8	18.4	3.9	.8	.0					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 10608

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	1.0	.4	.0	.0						3.4	6.8
NNE	.5	1.0	1.0	.3	.1	.0						3.0	7.4
NE	.5	1.1	1.6	.8	.2	.0	.0					4.2	8.3
ENE	.4	.8	1.2	.7	.1	.0						3.4	8.1
E	.6	1.4	1.9	.7	.0	.0						4.5	7.4
ESE	.3	1.3	2.0	.9	.1							4.6	8.1
SE	.6	2.1	3.6	1.8	.0	.0						8.2	8.2
SSE	.6	1.5	2.3	1.3	.1							5.9	8.2
S	1.0	2.0	1.4	.5	.1		.0					4.9	6.3
SSW	.6	1.4	1.2	.8	.1	.0						4.3	7.9
SW	1.0	2.8	2.0	1.4	.1	.0						8.4	7.4
WSW	1.0	2.5	2.3	.9	.1	.0						6.7	7.1
W	1.6	3.5	3.2	2.0	.3	.1						10.7	7.7
WNW	.8	1.6	2.1	1.8	.5	.0						6.7	9.1
NW	.7	1.6	2.1	2.1	.8	.1						7.1	9.7
NNW	.5	1.0	1.1	.7	.1	.0						3.5	7.8
VARBL													
CALM												10.6	
	11.3	26.9	31.1	17.2	2.8	.4	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 11160

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	.9	.2	.0							3.0	5.9
NNE	.4	1.1	.9	.2								2.5	6.1
NE	.5	1.4	1.2	.8	.1	.0						3.9	7.7
ENE	.4	.9	.9	.6	.0							2.7	7.4
E	.6	1.3	1.5	.5	.0							3.9	6.9
ESE	.4	1.3	1.4	.4								3.5	6.9
SE	.7	2.1	2.7	1.0	.0							6.6	7.3
SSE	.9	2.2	2.8	1.4	.1	.0						7.4	7.7
S	1.1	2.2	1.3	.4	.0							5.1	6.0
SSW	1.0	2.2	1.7	.5	.0	.0						5.4	6.4
SW	1.4	4.0	3.5	1.1	.1	.0						10.2	6.9
WSW	1.2	3.0	2.6	.5	.0							8.0	6.2
W	1.9	4.4	3.3	1.4	.2	.0						11.3	6.8
WNW	1.0	1.8	1.6	1.3	.1	.0						5.9	7.6
NW	.8	1.7	1.7	1.3	.1	.1	.0					5.7	8.1
NNW	.8	1.2	.8	.8	.0							3.0	6.9
VARBL													
CALM												12.0	
	13.9	32.7	28.8	11.9	1.0	.2	.0					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 19800

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.2	.6	.2								2.7	5.4
NNE	.4	.9	.3	.0								1.7	5.0
NE	.5	1.2	1.0	.1	.0							2.9	5.9
ENE	.4	.8	.6	.1								1.9	5.9
E	.5	1.2	1.4	.2	.0							3.5	6.6
ESE	.4	1.2	1.3	.3								3.2	6.6
SE	.8	2.4	2.7	.7								6.7	6.9
SSE	1.2	2.6	3.0	.8	.1							7.8	6.8
S	1.0	2.5	1.7	.3	.1							6.3	5.9
SSW	1.0	1.8	1.7	.7	.0	.0						5.3	6.6
SW	1.5	3.3	2.9	.8	.0							8.7	6.4
WSW	1.8	4.3	2.4	.5	.0							9.0	5.8
W	2.7	5.7	3.9	1.2	.0	.0						13.7	6.2
WNW	1.1	2.5	1.7	.9	.0							6.3	6.6
NW	1.1	1.7	1.7	1.1	.2	.0						5.9	7.6
NNW	.5	1.1	.9	.6	.0							3.0	6.8
VARBL													
CALM												11.5	
	16.4	38.0	27.9	8.5	.8	.0						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 11160

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.8	.8	.2	.0	.0						3.5	5.7
NNE	.5	.9	.7	.2								2.3	6.0
NE	.9	1.1	1.5	.3	.0							3.4	7.0
ENE	.3	.7	.6	.3								1.9	6.7
E	.4	.9	.9	.1								2.4	6.2
ESE	.3	.9	.8	.1								2.2	6.3
SE	.6	1.9	2.6	.7	.0							5.9	7.2
SSE	1.1	2.6	2.7	.8	.0							6.9	6.8
S	1.0	2.3	1.7	.5	.0							6.2	5.8
SSW	1.1	1.7	1.1	.3								4.2	5.7
SW	1.9	4.1	2.8	.6	.0	.0						9.2	6.0
WSW	1.8	4.3	2.3	.5								9.2	5.7
W	2.6	5.3	3.5	1.1	.1							12.3	6.1
WNW	1.6	2.3	1.8	1.0	.1							6.8	6.7
NW	1.3	2.6	1.8	.9	.1	.0						6.7	6.7
NNW	.8	1.7	1.2	.8	.1	.0						4.9	6.6
VARBL													
CALM												12.6	
	16.5	38.4	27.0	8.0	.5	.0						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 11160

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06762 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.3	1.6	.5								5.1	6.1
NNE	.8	1.9	1.5	.3	.0							4.4	6.3
NE	.6	1.6	1.5	.7	.1	.0						4.6	7.5
ENE	.5	.9	1.1	.3	.0	.1						2.9	7.4
E	.8	1.1	1.1	.3	.1	.0						3.1	6.9
ESE	.6	1.1	1.0	.1	.0							2.7	6.4
SE	.7	2.1	1.7	.3	.0		.0					4.8	6.3
SSE	1.0	1.8	1.9	.7	.0		.0					5.5	6.9
S	1.1	2.0	1.6	.6	.0							5.0	6.0
SSW	.9	1.8	1.6	.4	.0							4.2	6.4
SW	1.6	2.9	2.8	.7	.0	.0		.0				7.7	6.3
WSW	1.3	3.2	2.1	.4	.0	.0	.0					7.1	6.1
W	2.1	4.6	3.2	.9	.1	.0						11.0	6.3
WNW	1.6	2.8	1.8	.9	.1							6.8	6.3
NW	1.7	3.8	2.3	1.4	.1							8.1	7.0
NNW	1.0	1.9	1.2	.8	.0							4.3	6.4
VARBL													
CALM												12.8	
	16.8	33.3	27.2	8.9	.7	.2	.0	.0				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 10800

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04742 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.7	1.2	.4	.1	.0						4.1	6.5
NNE	.6	1.4	1.6	.5	.0							4.1	7.2
NE	.5	1.2	1.7	1.0	.1							4.4	8.1
ENE	.4	.5	.9	.6	.1							2.9	7.8
E	.4	.9	1.0	.3	.0	.0						2.7	6.9
ESE	.3	1.1	.5	.2								2.1	5.8
SE	.3	1.4	1.5	.4	.1	.0						3.9	7.1
SSE	.6	1.9	1.5	.5	.0							4.8	6.5
S	1.2	2.0	1.2	.5	.0							4.9	5.9
SSW	1.0	1.3	.8	.3	.0							3.9	6.0
SW	1.7	3.0	1.6	.6	.0	.0						6.9	5.8
WSW	1.7	2.2	1.9	.6	.0							7.4	5.9
W	3.0	5.4	3.8	1.5	.2	.0						13.9	6.4
WNW	1.5	2.2	2.3	2.1	.3	.1	.0					9.0	8.5
NW	1.4	2.3	2.8	1.9	.3	.1						8.9	8.0
NNW	.7	1.3	.8	.8	.2	.0						3.8	7.9
VARBL													
CALM												12.3	
	18.0	31.3	28.3	12.3	1.8	.3	.0					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 11159

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.3	1.9	.8	.1							6.1	6.9
NNE	.9	1.8	2.4	.7	.1							5.6	7.5
NE	.5	1.3	1.2	.8	.1	.0						3.9	7.7
ENE	.5	.8	.9	.6	.1	.1						2.9	8.3
E	.5	.8	.8	.5	.2	.0						2.8	7.8
ESE	.4	.7	.4	.3	.1	.0	.0					1.9	7.2
SE	.5	.9	.7	.2	.1	.0						2.5	6.7
SSE	.6	1.3	1.1	.3	.1	.0						3.6	7.0
S	1.0	2.0	1.2	.3	.0	.0						4.5	5.9
SSW	.9	1.6	.8	.4	.0							3.7	6.0
SW	1.2	2.3	1.7	.6	.1	.0						5.7	6.2
WSW	1.4	2.6	2.0	.7	.0		.0					6.7	6.4
W	2.1	4.6	3.8	2.0	.2	.0	.0					12.8	7.2
WNW	1.3	3.1	3.3	2.8	.6	.1	.0					10.8	8.5
NW	1.3	2.6	3.1	2.5	.8	.1						10.0	8.5
NNW	.8	1.6	1.3	1.0	.1	.0						4.8	7.6
VARBL													
CALM												11.9	
	16.3	30.3	30.6	16.3	3.1	.4	.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 10800

USAFETAC FORM AIR 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04763	PEASE AFB N H/PORTSMOUTH	56-70	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.4	2.7	1.4	.2	.0						7.6	7.9
NNE	.3	1.4	2.3	2.0	.3	.0						6.4	9.4
NE	.3	1.0	1.0	.9	.1	.0						3.3	8.5
ENE	.1	.2	.5	.3	.1	.0						1.3	9.2
E	.3	.3	.2	.2	.1	.0						1.0	8.1
ESE	.2	.2	.2	.1	.0							.8	6.6
SE	.2	.4	.2	.2	.1	.0						1.1	7.5
SSE	.3	.6	.4	.2	.1	.0						1.7	7.4
S	.9	1.0	.5	.2	.0	.0						2.7	5.9
SSW	.7	1.2	.8	.2	.0							3.0	5.9
SW	1.2	2.3	1.9	.8	.1							6.3	6.7
WSW	1.3	2.9	1.8	1.0	.2	.0						7.1	6.9
W	2.4	4.5	4.1	2.9	.5	.2	.0					14.6	7.9
WNW	1.9	3.2	3.6	4.0	.9	.3	.1	.0				13.7	9.7
NW	1.3	2.8	3.2	2.8	.7	.1	.0					11.0	9.1
NNW	1.1	2.0	1.6	.9	.1	.1	.0					5.8	7.2
VARBL													
CALM												12.7	
	18.0	29.5	29.1	18.1	3.9	1.0	.2	.0				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 11160

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.0	2.3	1.2	.2							6.3	7.8
NNE	.5	1.5	1.9	.9	.2							5.0	8.0
NE	.6	1.2	.4	1.0	.2	.1	.1					3.6	8.5
ENE	.2	.2	.4	.2	.9	.2						1.9	12.9
E	.1	.3	.1	.2		.1						.8	10.1
ESE	.1	.2										.2	3.7
SE	.2											.2	2.5
SSE	.3	.6	.1	.1	.1							1.1	6.1
S	.3	.7	.3	.2								1.5	6.2
SSW	.7	1.7	.4									2.8	4.6
SW	1.4	3.6	1.2	.2								6.5	5.3
WSW	2.0	3.5	1.7	.6	.2							7.9	5.9
W	2.9	7.5	4.0	4.0	.9	.2						19.0	7.4
WNW	2.3	4.2	3.4	3.7	.8	.2						14.5	8.5
NW	1.3	3.2	3.4	1.9	.8	.2						10.2	8.5
NNW	.6	2.1	2.0	1.0								5.7	7.4
VARBL													
CALM												13.0	
	16.2	32.8	20.7	15.8	3.8	.9	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 1239

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.2	2.2	1.4	.2	.1						6.8	8.2
NNE	.4	1.2	2.5	.4	.3	.1						4.9	8.4
NE	.4	.8	.9	1.1	.2	.1						3.5	9.4
ENE	.2	.2	.5	.6	.3	.1						2.0	11.3
E		.4	.2									.6	5.9
ESE	.1	.3	.1									.5	5.8
SE		.2	.2									.3	6.5
SSE	.2	.6	.1	.1								.9	5.4
S	.3	.9	.3	.2								1.8	6.0
SSW	.6	1.6	.6	.2								3.0	5.5
SW	2.3	2.8	1.0	.3								6.4	4.9
WSW	1.9	3.1	2.0	.4								7.4	5.5
W	3.6	6.6	4.9	3.8	.2							19.1	7.1
WNW	2.2	4.0	4.4	4.8	.8	.1						16.2	8.8
NW	1.6	2.3	1.8	1.5	.9	.2						8.3	8.3
NNW	.9	1.4	2.0	.6	.1							5.0	7.1
VARBL													
CALM												13.3	
	18.5	28.7	23.6	15.5	2.8	.6						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 1239

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — JAN MONTH

ALL WEATHER CLASS — 0600-0800 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.0	2.2	1.4	.4							7.0	8.3
NNE	.2	1.1	1.5	1.2	.3							4.3	8.9
NE	.3	.7	.9	.8	.1							3.0	8.4
ENE	.1	.5	.2	.4	.3	.2						1.6	12.5
E	.1	.5	.5	.2	.1							1.3	8.6
ESE	.2	.5	.2	.2								1.1	6.8
SE		.2	.2									.3	7.5
SSE	.2	.2	.4	.1	.2							1.1	9.4
S	.5	.9	.4	.1		.1						1.9	6.1
SSW	.6	1.0	.3	.2								2.1	4.8
SW	1.5	2.5	.6	.5								5.1	5.4
WSW	2.4	3.2	1.8	.3								7.7	5.2
W	4.9	7.5	6.0	2.4	.2	.1						21.1	6.4
WNW	1.3	3.6	4.1	4.6	.7	.1						14.4	9.1
NW	1.9	2.9	1.4	2.4	.8	.1						9.9	8.3
NNW	1.1	2.1	1.6	.6		.1						6.6	6.6
VARBL													
CALM												12.0	
	16.4	30.3	23.2	18.4	3.2	.6						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 1234

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.3	2.2	1.5	.3	.1						7.3	8.0
NNE	.2	1.1	2.0	1.1	.2	.1						4.7	9.5
NE	.2	.4	.5	.9	.1							2.1	9.8
ENE	.2	.4	.2	.9	.3							2.1	11.3
E	.5	.4	.2		.2	.1						1.5	8.1
ESE		.2		.1								.3	7.3
SE	.2	.1	.1	.5								.8	9.1
SSE	.1	.2	.1	.1								.4	6.2
S	.4	.5	.4	.2								1.5	6.2
SSW	.5	.9	.7	.6								2.7	7.3
SW	.7	2.1	1.8	.7								5.3	6.8
WSW	1.3	3.1	3.2	.8	.1							8.4	6.7
W	1.8	5.7	5.9	3.4	.5	.1						17.4	8.0
WNW	1.5	2.0	3.7	5.7	2.2	.2						15.4	11.1
NW	1.1	2.7	2.3	2.7	1.3	.2						10.3	9.9
NNW	2.0	3.2	2.1	.6	.2	.2						8.2	6.4
VARBL													
CALM												11.6	
	11.7	28.3	28.4	19.6	5.3	1.0						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 1238

USAFETAC FORM AR 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.5	1.9	1.4	.4	.1						6.4	8.5
NNE	.1	.6	1.2	1.6	.2							3.6	10.2
NE	.4	.6	.6	.6								2.2	7.9
ENE	.2	.4	.5	1.3	.2	.2						2.8	11.8
E	.9	.6	.4	.1	.1	.2						2.2	6.7
ESE	.3	.7	.4	.1								1.5	5.5
SE	.1	.6	.2	.3								1.2	8.2
SSE	.1		.1	.2	.1							.4	11.6
S	.3	.6	.2	.1								1.4	5.2
SSW	1.0	1.1	1.3	.6	.1							4.1	7.0
SW	.8	2.7	1.6	1.0	.1							6.2	7.2
WSW	1.0	2.2	2.3	1.0								6.4	6.9
W	1.0	2.5	6.4	4.8	1.0	.2						15.9	10.0
WNW	1.1	1.4	3.9	7.9	2.6	.6		.1				17.6	12.3
NW	1.0	1.0	2.7	3.2	2.0	.3						10.3	11.6
NNW	.6	1.9	2.0	1.4	.2	.1						6.2	8.8
VARBL													
CALM												11.4	
	10.1	18.6	25.8	25.6	6.9	1.7		.1				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 1262

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.3	1.1	1.2	.4	.2						5.7	8.7
NNE	.4	1.2	1.0	.7	.1	.2	.1					3.6	8.9
NE	.6	.6	.6	1.0	.2	.1						3.0	8.8
ENE	.2	.4	.7	.7	.1	.2						2.3	10.4
E	.9	.6	.2	.2								1.9	4.6
ESE	.4	.7	.2									1.3	4.3
SE	.6	1.3	.4	.4	.1							2.7	6.5
SSE	.4	.7	.7	.2	.2							2.2	7.0
S	1.1	1.6	.7	.2	.2	.1						3.9	6.0
SSW	.6	1.8	.7	.3								3.4	5.9
SW	1.1	2.7	1.4	.6								5.9	6.2
WSW	1.1	2.3	2.5	.8	.2							6.9	7.1
W	.9	2.9	5.3	3.1	.6	.1						13.8	8.7
WNW	.6	2.1	4.1	6.4	2.3	.3						15.9	11.7
NW	.6	1.8	2.9	4.0	.9	.2	.1					10.2	11.1
NNW	.8	1.9	1.6	1.6	.8	.1						5.9	9.0
VARBL													
CALM												11.4	
	10.7	28.2	26.2	21.4	5.4	1.3	.2					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 1238

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.8	1.8	1.3	.1							6.0	7.5
NNE	.5	1.5	1.0	.6								3.5	7.0
NE	.2	1.0	.6	.8	.2	.1	.2					3.0	10.8
ENE	.6	.6	.6	.5	.3							2.5	8.4
E	.5	.2	.2	.1								.9	5.3
ESE	.4	.6	.1	.2								1.1	5.9
SE	.4	.2	.4	.1								1.1	6.0
SSE	.5	.9	.3	.3								2.0	6.6
S	1.4	1.5	.4	.3								3.6	5.0
SSW	1.5	1.8	.8									4.2	4.7
SW	1.9	2.7	1.9	.6								7.1	5.8
WSW	1.9	1.9	1.8	.6	.2	.1						6.2	6.8
W	2.0	3.8	3.1	1.8	.8	.2						11.5	7.7
WNW	.6	2.7	4.2	4.2	1.3	.1						15.2	9.9
NW	1.9	2.6	2.8	2.7	.2							9.9	8.0
NNW	.8	2.2	1.8	1.4	.2	.6						6.7	9.1
VARBL													
CALM												15.3	
	15.3	28.9	23.9	15.6	3.1	.8	.2					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 1249

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.9	2.2	1.0	.3							6.3	7.9
NNE	.5	1.7	1.3	.6								4.1	7.1
NE	.3	.9	.6	1.1	.2							3.1	9.2
ENE	.2	.3	.2	.4	.2	.2						1.4	11.3
E	.2	.5	.2	.3	.1	.1						1.4	8.9
ESE	.1	.1		.1								.2	6.7
SE	.1	.2										.3	4.3
SSE	.1	.3	.1	.1	.1							.6	8.0
S	.6	1.3	.9	.2		.1						3.1	6.4
SSW	1.3	1.7	.9	.2								4.1	5.2
SW	.9	2.7	2.4	.8								6.4	6.2
WSW	2.0	3.6	2.3	.9								9.0	6.1
W	2.3	6.0	3.1	2.3	.6	.2						14.5	7.2
WNW	1.0	3.8	4.0	4.2	.9	.1						13.8	9.2
NW	1.0	3.1	4.1	2.3	.6							11.2	8.5
NNW	.9	2.0	2.7	1.2	.2	.1						6.7	8.3
VARBL													
CALM												13.7	
	12.2	29.8	25.0	15.8	3.2	.6						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 1242

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.6	1.9	2.1	.3	.1						7.8	8.4
NNE	.7	1.5	.7	2.0		.2						5.1	9.1
NE	.4	.8	1.0	.6	.3	.3						3.5	9.7
ENE	.2	.3	.5	.3	.1							1.4	8.5
E		.1	.3	.3	.3	.3						1.3	15.5
ESE			.3	.2		.1						.5	12.8
SE	.1	.5	.2	.2	.1							1.0	7.6
SSE	.3	.1	.3	.6								1.2	10.1
S	.8	.8	.9	.3								2.9	6.3
SSW	.8	.7	1.4	.3								3.1	6.5
SW	.8	2.3	2.4	.8								6.3	6.9
WSW	.8	2.8	1.7	1.1	.1							6.5	7.1
W	2.3	3.1	4.8	2.8	.8	.3						15.4	7.8
WNW	1.9	2.7	3.8	4.1	.7	.2						15.0	9.1
NW	2.1	3.8	3.2	1.7	.7	.2						11.4	7.8
NNW	.9	2.1	.9	1.3								5.2	7.0
VARBL													
CALM												12.3	
	12.7	28.2	25.6	18.6	3.9	1.8						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 1189

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.7	2.3	1.5	.2	.1	.2					7.8	8.4
NNE	.5	1.2	1.9	1.9	.2	.1						5.8	9.1
NE	.6	.7	1.0	1.1	.5	.3						4.1	10.7
ENE	.3	.2	.4	.1								.9	6.6
E	.3	.1	.3	.3	.2	.1						1.4	9.8
ESE			.1	.3	.1							.4	14.4
SE	.1		.3									.4	8.0
SSE	.5	.3	.6	.3	.1							1.8	7.1
S	.6	.8	.3	.3								1.8	6.7
SSW	.5	1.0	1.0	.3	.1							3.5	9.7
SW	1.7	2.7	1.9	.6								6.7	9.7
WSW	1.4	3.9	2.3	.9	.2							8.6	8.7
W	2.2	6.8	3.0	3.0	.7	.1						17.4	7.7
WNW	1.9	3.0	4.5	2.7	.8							13.0	8.9
NW	.9	3.0	2.6	2.6	.3	.1						9.4	8.8
NNW	1.2	2.2	.6	.8								4.8	6.1
VARBL													
CALM												12.8	
	13.6	38.9	26.6	16.3	3.5	.7	.2					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 1185

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE APB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.7	2.1	1.7	.1	.3						7.8	8.2
NNE	.8	1.1	2.1	1.9	.3	.2						6.4	9.5
NE	.5	.7	1.4	1.3	.3	.1						4.2	9.7
ENE	.4	.3	.1	.1	.3							1.1	8.4
E	.3	.3	.7	.4	.1	.1	.1					2.1	9.4
ESE	.1		.3									.3	7.5
SE	.1	.2	.2	.1								.5	7.2
SSE	.1	.3	.3	.2								.8	7.4
S	.4	.5	.5	.5								1.9	7.0
SSW	.3	.9	.7	.6								2.7	7.2
SW	.8	3.1	2.0	1.0								7.0	6.8
WSW	1.9	3.1	2.2	.5								7.8	5.7
W	3.2	5.6	5.1	2.9	.7	.2						17.6	7.5
WNW	1.2	2.7	4.1	4.0	1.1	.2						13.2	9.7
NW	1.8	2.4	2.2	1.9	.3	.2						8.9	8.2
NNW	.7	2.4	1.2	.8	.3							5.1	6.7
VARBL													
CALM												12.3	
	13.8	28.6	28.1	17.8	3.8	1.1	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 1183

USAFETAC FORM JUL 84 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.3	2.1	1.0	.1	.1						6.5	7.5
NNE	.7	.8	2.2	3.1	.4							7.3	10.3
NE	.3	.9	1.6	.7	.2	.3						3.7	9.9
ENE	.3	.3	.2	.4	.3	.1						1.5	10.4
E	.3	.3	.5	.4	.1	.1	.2					1.9	11.1
ESE	.2	.3	.4	.3	.1							1.4	8.4
SE	.2	.2	.3	.3	.1							.9	9.5
SSE	.2	.3	.3		.1							.8	7.5
S	.3	.7	.3	.2								1.4	6.0
SSW		.5	.7	.5	.1							1.8	9.3
SW	.8	2.0	1.5	.9	.1	.1						5.4	7.6
WSW	1.0	2.3	2.8	1.5								7.6	7.7
W	1.6	3.6	3.0	5.1	.9	.3						16.5	9.4
WNW	.9	1.6	2.9	5.5	2.0	.5						13.2	12.2
NW	1.6	2.2	2.6	4.0	1.6	.3						11.6	10.5
NNW	1.7	2.6	2.1	.9	.5	.1						7.9	7.2
VARBL													
CALM												11.1	
	10.5	20.5	25.0	26.5	6.5	1.8	.2					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 1185

USAFETAC FORM AIR 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — FEB MONTH

ALL WEATHER CLASS — 1200-1400 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.3	1.3	1.0	.3	.2						4.4	9.7
NNE	.3	.6	1.8	1.9	.8							5.4	10.9
NE	.6	.8	1.9	.6	.6	.3						4.7	9.7
ENE	.5	.8	1.1	.3	.1							2.8	7.3
E	.4	1.4	1.5	.3	.2							3.7	7.3
ESE	.3	.7	1.1	.3								2.9	7.0
SE	.3	1.4	.8	.2	.1							2.7	6.4
SSE	.4	.6	.8	.8	.3							2.9	9.0
S	.7	1.1	.7	.2								2.6	5.8
SSW	.3	.8	.7	.1								2.1	6.0
SW	.6	1.6	1.4	.9								4.5	7.2
WSW	.5	2.2	2.4	1.9	.5							7.4	9.1
W	.7	2.7	5.1	7.0	1.3	.5	.2					17.4	11.5
WNW	.6	.6	2.3	6.2	3.1	1.2	.1					14.3	14.0
NW	.5	1.0	2.1	4.6	1.4	.3						9.9	12.2
NNW	.3	1.4	1.3	1.1	.4							4.6	9.0
VARBL													
CALM												8.4	
	7.6	18.9	30.2	27.3	9.0	2.4	.3					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 1185

USAFETAC FORM AM 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — FEB MONTH

ALL WEATHER CLASS — 1500-1700 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.5	.8	1.2	.5	.1						3.3	11.3
NNE	.1	.8	1.4	1.9	.5	.2						4.8	11.6
NE	.2	1.0	.8	.4	.2							2.8	8.7
ENE	.7	1.2	1.2	.6	.3							3.9	7.7
E	.4	2.2	1.6	.6	.1							4.9	7.0
ESE	.7	2.0	1.4	.3		.1						4.6	6.6
SE	.3	1.9	1.6	.3								4.1	6.6
SSE	.4	1.4	2.0	.7	.2	.1						4.8	8.1
S	.4	1.9	.5	.2								3.0	6.2
SSW	.5	.6	.5	.2								1.8	6.1
SW	.3	1.6	1.7	.6								4.1	7.4
WSW	.4	1.9	2.1	1.8	.2		.1					6.0	9.3
W	.6	2.4	4.5	6.7	1.3	.3	.1					15.8	11.0
WNW	.3	1.3	2.5	8.1	1.9	.6	.3					15.1	13.3
NW	.4	.8	3.8	6.1	1.9	.5	.1					11.1	12.1
NNW	.3	.8	.8	1.7	.2							3.8	9.7
VARBL													
CALM												6.2	
	6.4	21.7	27.3	29.2	6.8	1.8	.6					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 1185

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.8	1.2	1.0	.3							4.8	7.7
NNE	.4	.8	1.2	2.5	.3	.1	.2					5.5	11.5
NE	1.0	1.0	.8	.4								3.3	6.2
ENE	.4	1.0	.8	.3	.4							3.0	8.3
E	.8	.5	1.2	.5	.1	.1						3.1	7.7
ESE	.6	.8	.5	.2								2.1	5.2
SE	.4	1.0	.2	.1								1.7	5.1
SSE	1.7	1.9	1.1	.2	.3	.1						5.1	6.1
S	1.6	2.1	.6	.1	.1	.1						4.6	5.4
SSW	.6	1.4	.7	.1								2.8	5.5
SW	.8	1.9	1.3	.2	.2							4.3	6.5
WSW	1.4	1.4	1.9	1.4	.1							6.2	7.3
W	1.1	2.8	3.7	3.6	1.1	.2						12.5	9.7
WNW	.8	3.0	4.1	4.0	1.1	.9						14.0	10.7
NW	.3	2.0	3.4	3.3	.8	.4						10.3	10.8
NNW	.3	1.4	2.1	1.1	.3							5.2	9.2
VARBL													
CALM												11.5	
	12.9	24.9	24.8	18.8	5.1	1.9	.2					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 1185

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.0	1.8	2.0	.3							8.4	7.7
NNE	.8	.9	1.2	2.1	.5			.1				5.7	10.0
NE	.8	.8	1.0	.3	.1	.2	.2					3.3	8.6
ENE	.2	.7	.6	.4	.3	.1						2.2	9.5
E	.2	.6	.3	.5	.1	.1						1.8	10.3
ESE	.3	.3	.3	.1								.9	6.2
SE	.9	.5	.6									2.0	4.4
SSE	.3	.5	.1	.6	.1							1.6	8.7
S	1.0	1.1	1.2	.3								3.5	6.0
SSW	.3	.8	.9	.1								2.2	6.0
SW	1.3	1.8	1.9	.8								5.7	6.6
WSW	.8	1.6	3.0	1.5								6.9	8.0
W	1.6	4.2	3.7	3.0	.3							12.9	8.0
WNW	1.0	2.6	3.8	4.3	1.1	.3						13.2	10.2
NW	.9	2.3	4.5	2.9	.7	.3						11.5	9.6
NNW	.5	1.7	1.2	.9	.3							4.6	7.9
VARBL													
CALM												13.7	
	12.3	23.6	24.0	18.7	3.7	.9	.2	.1				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 1189

USAFETAC FORM AIR 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
PTAC/USAF
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.1	2.2	1.0								7.5	6.6
NNE	.5	1.8	1.7	.8	.2	.2						5.1	8.0
NE	.5	1.5	1.0	1.0	.3							4.3	8.7
ENE	.2	.8	.6	.7	.2	.1						2.7	9.7
E	.4	.1	1.1	.7	.1	.3						2.6	11.1
ESE	.2	.2	.5									.9	6.3
SE	.4	.9	.5	.2								2.1	6.4
SSE	.2	1.1	.1	.2								1.5	6.3
S	.7	1.0	.3	.1								2.1	5.0
SSW	.5	1.2	.3	.1								2.1	4.9
SW	.8	2.8	.8	.2								4.6	5.5
WSW	1.3	2.1	.9	.5	.1							4.8	5.8
W	3.0	6.0	4.8	2.3	.6	.2						16.5	7.2
WNW	1.1	3.7	8.1	2.8	.3							12.9	8.2
NW	2.0	3.0	2.9	2.7	.1							10.7	7.7
NNW	1.1	2.2	1.2	.5								4.8	5.9
VARBL													
CALM												14.8	
	13.8	31.9	23.7	13.7	1.8	.7						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 1302

USAFETAC FORM AWS 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	4.2	1.9	1.0	.2							8.6	6.4
NNE	.6	2.0	2.1	.9	.3	.2						6.1	8.2
NE	.4	1.5	1.9	.8	.3	.1						5.1	8.4
ENE	.5	.2	.8	1.2	.2	.1						2.9	10.8
E	.5	.0	1.3	.7	.3	.2						3.5	9.5
ESE	.2	.3	.4	.2	.1							1.3	7.5
SE	.4	.3	.5	.3								1.5	6.6
SSE	.2	.7	.3	.1								1.2	5.9
S	.5	.8	.3									1.6	4.5
SSW	.3	.9	.2	.1								1.5	5.1
SW	.8	1.9	.9	.2								3.8	5.6
WSW	1.2	3.2	1.7	.5	.2							6.8	6.3
W	3.1	7.0	5.2	2.4	.5	.1						18.4	7.1
WNW	1.3	3.8	2.8	2.4	.2							10.5	7.7
NW	1.6	1.9	3.8	1.8								9.1	7.6
NNW	1.3	2.2	1.2	.1	.2							4.8	5.6
VARBL													
CALM												13.1	
	16.2	31.7	25.3	12.7	2.8	.5						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 1302

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

06743	PEASE AFB N H/PORTSMOUTH	57-70	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS) | 0600-0800 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.6	2.9	1.0	.1							8.0	6.9
NNE	.7	2.2	2.8	1.7	.2	.3						7.8	8.6
NE	.2	1.8	1.7	1.4	.6							5.7	9.4
ENE	.1	.8	.9	.6	.2	.1						2.6	9.4
E	.3	.5	.7	1.0	.3	.2						2.9	11.1
ESE	.2	.5	.5	.2	.2							1.7	8.5
SE	.1	.5	.3	.3								1.2	7.8
SSE	.3	.5	.2	.2								1.2	5.4
S	.5	.9	.2									1.6	4.0
SSW	.7	1.0	.2	.2								2.2	5.2
SW	.5	1.0	1.4	.6	.1							3.6	7.5
WSW	1.5	3.5	1.3	.5	.1							7.0	5.8
W	3.0	5.5	6.3	3.1	.9	.2						16.5	7.6
WNW	1.4	3.7	3.4	2.2	.6	.3						11.6	8.5
NW	1.0	3.5	4.3	2.1	.4							11.2	8.2
NNW	1.0	2.5	1.5	.2	.2							5.5	6.0
VARBL													
CALM												9.7	
	12.9	31.0	30.7	18.3	3.4	1.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 1302

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — MAR MONTH

ALL WEATHER CLASS — 0900-1100 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.2	2.9	2.1	.4							8.2	8.9
NNE	.2	1.2	2.0	1.0	.2							4.6	8.7
NE	.2	1.3	2.9	1.7	.5	.2						6.8	10.2
ENE	.2	.9	1.5	1.0	.4							4.0	9.7
E	.3	1.3	1.9	1.2	.5	.2						5.4	9.9
ESE	.1	.8	.8	.5								2.2	7.9
SE	.5	.3	.2	.4	.3							1.8	9.0
SSE	.4	.8	.7	.2								2.2	6.7
S	.5	.7	.5	.4								2.0	6.3
SSW	.5	.8	.5		.1							2.0	5.7
SW	1.0	1.6	1.2	.6	.2							4.7	6.8
WSW	.6	1.9	1.9	.8		.2						5.5	8.0
W	.7	1.8	4.0	4.2	1.2	.4						12.4	10.8
WNW	.2	1.5	2.9	4.1	1.2	.7						10.4	12.2
NW	.7	1.8	4.5	6.4	1.2	.3						14.8	11.2
NNW	.4	2.2	2.2	1.2	.1							6.0	8.1
VARBL													
CALM												7.1	
	7.0	21.3	30.9	28.7	8.1	3.1						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 1302

USAFETAC FORM AR 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE APB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.2	2.2	2.0	.5							6.0	10.3
NNE	.2	.7	.8	1.0	.1							2.7	9.2
NE	.2	1.5	1.5	1.5	.6	.2						5.4	10.3
ENE	.2	1.0	1.6	1.2	.3	.1						4.4	10.1
E	.2	1.5	2.6	1.7	.5	.4						7.0	10.2
ESE	.3	1.1	2.2	.4	.2	.2						4.4	9.0
SE	.6	1.1	3.5	1.2	.1							6.1	8.5
SSE	.3	.7	1.2	.8								3.0	8.2
S	.4	1.6	.8	.7	.2							3.8	8.0
SSW		.9	.3	.2								1.5	6.6
SW	.2	1.1	1.6	.7								3.5	7.6
WSW	.3	1.1	2.0	.9	.2							4.5	8.8
W	.5	1.7	3.5	5.1	1.9	.6						12.5	11.4
WNW	.2	.7	2.5	4.3	2.1	.5						10.3	12.3
NW	.1	1.3	4.2	5.1	2.8	.6						14.3	12.7
NNW	.5	2.2	2.4	1.3	.1							6.5	8.0
VARBL													
CALM												4.2	
	4.0	19.3	32.9	28.0	9.0	2.6						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 1302

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.5	1.3	1.3	.4							4.6	9.5
NNE	.1	.7	1.4	.5	.1	.1						2.8	8.6
NE	.1	.8	1.8	.7	.5	.1	.1					3.9	10.3
ENE	.2	.5	1.1	1.4	.4	.2						3.7	11.3
E	.3	1.0	2.3	1.8	.2	.4						6.5	9.8
ESE	.8	1.7	2.6	.6	.1							5.8	7.4
SE	.6	3.2	4.2	1.1	.1							9.2	7.6
SSE	.2	2.4	3.0	1.0								6.6	7.9
S	.1	.8	1.1	.4	.1							2.4	8.2
SSW	.2	.8	.4	.5	.3							1.8	9.4
SW	.2	1.2	1.8	.2	.1							3.3	7.3
WSW	.7	1.0	1.2	.2	.2	.1						3.2	7.6
W	.5	1.6	2.8	3.8	1.0	.3						10.1	10.8
WNW	.3	.9	2.5	6.9	1.7	.2	.1					12.7	12.8
NW		1.3	3.8	7.0	3.1	.6						15.8	13.1
NNW	.2	1.0	1.9	1.1	.2							4.7	8.3
VARBL													
CALM												2.8	
	4.8	21.4	32.6	28.2	8.2	1.9	.2					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 1300

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.6	1.2	.6								3.6	7.0
NNE	.2	1.1	1.2	.6	.3							3.5	8.8
NE	.4	1.4	.8	.9	.4	.1	.1					4.1	9.3
ENE	.2	.7	.7	.9	.2	.2						2.8	11.0
E	.6	1.5	1.7	.8		.1						4.7	7.6
ESE	1.1	1.0	.8	.4								3.1	5.7
SE	.6	2.4	1.1	.2								4.2	5.5
SSE	1.2	3.3	1.2	.2								6.0	5.2
S	1.7	2.7	1.2	.4								5.9	5.5
SSW	.8	.8	.5	.3	.1							2.8	6.6
SW	1.2	1.1	.6	.1								2.9	4.9
WSW	.8	.9	1.7	.2	.1	.1						3.6	7.4
W	1.2	2.9	2.6	1.8	.5	.1						9.1	8.3
WNW	.8	2.0	3.7	4.3	.9	.2						11.7	9.9
NW	.5	2.7	5.5	5.5	1.4							13.4	10.4
NNW	.4	1.3	2.1	.6	.1							4.5	7.7
VARBL													
CALM												12.1	
	11.7	27.6	30.2	18.3	5.5	.8	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 1302

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.1	1.8	.1	.2							6.0	5.9
NNE	.7	1.4	1.4	1.2	.2	.1						4.9	8.4
NE	.9	1.5	1.0	.4	.2	.1						3.8	7.4
ENE	.2	.2	.6	.7	.3	.2						2.2	12.0
E	.8	.6	.4	.7	.1	.2						2.7	8.9
ESE	.3	.5	.2	.2								1.3	6.6
SE	.7	1.0	.4	.3								2.4	5.8
SSE	.2	1.5	.7									2.4	5.6
S	1.3	1.2	.9	.3								3.8	5.6
SSW	.9	1.3	.7	.1								3.1	5.1
SW	1.6	2.1	1.0	.4								5.1	5.4
WSW	.9	2.2	.8	.4	.2	.2						4.7	6.7
W	1.8	4.9	2.8	2.3	.8							11.8	7.5
WNW	.9	3.2	4.3	4.0	.7							13.1	9.2
NW	1.2	3.2	3.9	4.0	.4	.2						12.5	8.8
NNW	.6	2.3	1.6	.8								5.3	6.8
VARBL													
CALM												14.8	
	13.7	30.1	22.6	15.7	2.3	.8						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1302

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.7	2.0	.9								5.4	7.3
NNE	.2	1.4	1.6	.9								4.1	7.8
NE	.8	1.6	1.4	1.3	.1							5.1	7.7
ENE	.4	.9	1.0	.3								2.6	6.6
E	.3	1.1	.2	.3		.2						2.1	7.8
ESE	.2	.8	.6									1.7	5.5
SE	.7	1.9	.8	.2								3.5	5.8
SSE	.9	1.1	.6	.3	.1							2.9	6.0
S	1.1	1.7	.8	.1								3.8	4.9
SSW	.8	1.3	1.0	.2								3.2	6.3
SW	1.3	1.8	2.2	.3								5.8	6.5
WSW	.9	2.3	2.3	.2		.1						6.8	6.2
W	2.8	4.2	3.2	.8	.2							12.9	6.0
WNW	1.8	2.9	2.3	1.6	.4	.2						9.1	7.4
NW	1.4	2.0	2.3	.8	.1	.2						7.8	7.0
NNW	1.0	1.4	1.1	.3								4.0	6.0
VARBL													
CALM												19.2	
	16.9	32.4	23.6	8.9	.8	.6						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1326

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.3	1.3	.8								5.4	6.8
NNE	.8	1.7	1.8	.9	.1							5.0	7.5
NE	.8	1.9	1.7	.9	.1							5.0	7.5
ENE	.4	.9	.8	.2								2.3	6.6
E	.2	.7	.7	.1		.1						1.7	7.2
ESE	.2	.7	.2	.1	.1							1.2	5.9
SE	.3	1.4	.8	.1	.1							2.3	6.1
SSE	.9	1.1	1.0	.2	.2							3.3	6.4
S	.9	1.3	.8									2.9	4.8
SSW	1.2	1.3	.7	.2								3.3	5.1
SW	1.2	2.0	1.1	.4	.1							4.8	5.9
WSW	1.4	2.2	1.3	.8	.1							6.4	6.0
W	3.6	6.3	3.6	1.1								14.6	5.6
WNW	1.7	3.2	2.6	1.1	.8							9.1	7.2
NW	1.8	2.7	2.3	.8	.8	.2	.1					9.0	6.9
NNW	.8	1.7	1.4	.7								4.4	6.6
VARBL													
CALM												19.3	
	18.9	33.9	21.2	8.0	1.9	.2	.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1326

USAFETAC FORM AWS 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04769 (STATION) PEASE APB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.5	1.5	1.5								5.7	7.6
NNE	.8	1.4	3.1	.9								6.2	7.9
NE	.5	1.0	1.6	1.0								4.1	7.9
ENE	.6	.8	1.0	.8								3.1	7.5
E	.3	.8	1.1	.2								2.5	7.0
ESE	.2	.7	.9									1.7	6.6
SE	.3	1.4	1.5	.3								3.5	7.0
SSE	.3	.8	1.4	.5								2.9	7.4
S	1.1	1.1	.3	.1								2.5	4.5
SSW	.4	.9	.9	.3								2.5	6.9
SW	.6	1.4	1.7	.5								4.1	7.0
WSW	1.1	3.9	2.4	1.0	.1							8.5	6.6
W	2.3	4.8	2.6	2.3	.3							12.4	7.1
WNW	1.3	2.6	2.5	2.1	.4							9.0	7.9
NW	1.4	2.2	3.3	2.2	.2	.5						10.0	8.9
NNW	1.7	2.1	1.6	.8	.2							6.3	6.5
VARBL													
CALM												14.9	
	16.3	27.3	27.9	16.3	1.2	.5						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 1326

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.1	1.2	1.1	.3	.1						4.7	8.4
NNE	.2	1.0	1.4	1.3	.2							4.1	9.4
NE	.7	1.1	1.7	1.7	.2							5.4	9.0
ENE	.4	.9	1.7	1.4	.1							4.4	8.9
E	1.0	1.7	2.8	.7	.1							6.3	7.4
ESE	.3	1.3	2.8	1.3								5.7	8.5
SE	.2	2.8	2.8	1.0								6.6	7.7
SSE	.3	.8	1.2	.8								3.0	7.9
S	.8	1.3	.5									2.8	5.1
SSW	.3	.9	.8	.2								2.3	6.8
SW	.8	1.9	2.9	.7								6.3	7.4
WSW	.5	2.3	1.7	1.3	.2							6.0	8.1
W	.3	1.4	3.2	3.9	.9	.2						10.0	11.1
WNW	.5	.8	3.2	3.0	1.1	.4						9.0	11.5
NW	.7	1.6	3.9	3.5	.8	.2						10.6	10.4
NNW	.2	1.9	1.6	1.2	.3	.1						5.4	8.9
VARBL													
CALM												7.6	
	8.2	22.8	33.2	22.9	4.1	1.0						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 1326

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.7	1.2	1.2	.2							3.5	9.5
NNE		.5	1.2	.5	.2	.1						2.4	10.3
NE	.1	.4	1.4	1.6	.6	.2						4.1	12.0
ENE	.2	.3	1.5	.9	.2	.1						3.2	10.2
E	.4	1.2	4.3	3.2								9.1	9.2
ESE	.3	1.7	3.3	3.2	.1							10.6	9.1
SE	.1	1.8	7.9	3.8	.2							13.7	9.4
SSE	.2	1.1	2.3	2.9	.1							6.5	9.9
S	.1	.8	1.5	.4								2.8	8.3
SSW	.2	.4	1.0	.6	.1							2.2	9.0
SW	.1	.9	2.0	.8	.1	.2						4.1	9.3
WSW	.2	.8	2.0	1.4	.2	.2						4.6	10.3
W	.3	1.3	2.2	4.4	1.4	.2	.1					10.0	12.0
WNW	.1	.6	1.7	4.3	.9	.5						8.1	12.9
NW	.2	.7	2.0	4.8	1.3	.4	.1					9.1	13.0
NNW		.9	1.6	1.2	.2	.1						3.9	10.4
VARBL													
CALM												2.1	
	2.6	12.9	39.0	34.8	5.9	1.9	.2					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 1326

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 50-70 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.6	.8	.9	.2							2.5	9.5
NNE	.5	.4	.7	.1	.7							2.3	9.7
NE	.2	.8	1.2	1.4	.4	.1						3.8	11.1
ENE	.2	.8	1.3	1.0	.2							3.4	9.4
E	.4	1.3	4.1	1.9								7.7	8.6
ESE	.4	2.1	4.4	1.4	.1							8.3	8.1
SE	.8	2.6	8.1	5.1	.1							16.4	9.4
SSE	.2	1.6	3.4	3.7	.2							11.2	10.0
S	.1	.8	.9	1.4	.1							3.2	9.9
SSW	.2	.4	.8	.5								1.7	8.0
SW	.2	.8	1.3	.3	.2	.1						2.6	9.1
WSW	.2	.4	1.2	.5	.2							2.3	9.0
W	.3	.8	2.6	2.5	.8	.2						7.0	11.3
WNW	.3	.3	2.1	4.1	1.2	.6						8.4	12.8
NW	.2	.9	2.6	5.8	1.5	.7						11.7	12.9
NNW	.2	.5	1.4	1.6	.9	.3						4.9	11.6
VARBL													
CALM												3.0	
	3.9	16.5	38.8	32.0	6.0	1.8						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 1326

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.4	.6	.4								2.7	6.5
NNE	.2	1.0	.7	.9	.1							2.8	8.8
NE	.3	1.2	1.6	1.4	.3							4.8	9.1
ENE	.8	1.4	1.1	.1	.3	.2						3.9	7.1
E	.9	1.6	1.1	.6								4.1	6.4
ESE	.6	2.3	1.4	.3	.1							4.8	6.3
SE	1.9	4.8	3.9	.8								11.4	6.3
SSE	1.9	4.8	4.4	1.4	.2							12.4	6.9
S	1.4	2.8	2.0	.9	.2							7.3	6.6
SSW	.8	.6	1.0	.8								2.9	7.6
SW	.2	.8	.9	.6	.2							2.8	8.4
WSW	.3	1.1	.2									1.5	4.8
W	.6	1.8	1.8	.8	.4	.1						4.6	8.6
WNW	.3	2.0	2.5	2.2	.8	.2						7.9	10.2
NW	.6	2.3	4.7	3.4	.5	.2						11.7	9.7
NNW		1.4	1.9	1.2	.3							4.8	9.4
VARBL													
CALM												9.6	
	10.9	30.9	29.2	15.6	3.2	.6						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 1326

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.9	1.4	.4								4.7	6.1
NNE	.3	1.4	1.8	1.0	.1							4.8	7.9
NE	.8	1.4	1.3	1.2	.2							4.8	8.0
ENE	.9	1.3	.5	.5	.1							3.5	6.5
E	.8	1.2	.6		.1							2.7	5.2
ESE	.6	.8	.3									1.7	5.0
SE	.3	1.9	1.1	.5	.1							4.1	6.7
SSE	1.0	2.0	.8	.5								5.0	5.8
S	1.6	1.7	1.0	.8								5.2	5.9
SSW	.8	1.0	2.2	1.1								5.0	7.9
SW	1.1	1.9	1.0	.3	.1							5.2	6.5
WSW	1.4	1.7	1.0	.2								4.3	5.3
W	1.7	3.1	2.2	1.1	.1	.1						8.1	6.5
WNW	.6	2.4	2.0	1.3	.4		.1					8.4	7.6
NW	.8	3.2	2.0	1.0	.3	.1						8.4	7.9
NNW	.3	2.2	2.0	.4								5.3	6.9
VARBL													
CALM												18.9	
	16.3	30.9	23.9	10.6	1.8	.2	.1					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 1326

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE APB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.4	1.1	.4								3.9	6.1
NNE	1.1	1.8	1.9	.4	.1							5.3	6.5
NE	.6	1.9	1.3	.6	.2	.1						4.7	7.2
ENE	.8	.4	.9	.1								2.2	6.0
E	.7	1.2	.4	.1								2.4	4.6
ESE	.5	.6	.1									1.3	4.3
SE	.7	1.6	.6									2.9	4.9
SSE	.7	.9	.3									1.9	4.2
S	1.4	1.9	1.0	.2								4.4	5.1
SSW	.8	1.4	1.1	.3								3.5	5.9
SW	1.8	4.2	3.6	1.4		.1						11.1	6.7
WSW	1.8	4.9	2.6	.6								9.8	5.8
W	2.6	6.8	3.2	.4								12.9	5.5
WNW	1.3	2.6	1.9	.6	.1							6.5	6.3
NW	.9	2.1	1.6	.6								5.1	6.1
NNW	1.1	1.7	1.0	.1								3.9	4.8
VARBL													
CALM												18.6	
	17.8	38.1	22.3	5.7	.5	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE APB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	1.4	.2	.1							5.1	5.7
NNE	.8	2.1	1.0	.6	.1							4.5	6.6
NE	.8	1.8	2.2	1.0								5.8	7.3
ENE	.6	1.1	.8	.3								2.8	6.3
E	.4	.8	.5	.1								1.7	5.4
ESE		.7	.3									1.0	5.5
SE	.3	.9	.4									1.6	5.1
SSE	.6	.9	.4									1.9	4.9
S	1.6	1.7	.4	.1								3.8	4.2
SSW	.7	1.9	1.1	.4								4.2	6.0
SW	1.8	4.0	2.9	.9								9.6	6.2
WSW	1.9	3.8	2.4	.4								8.1	5.7
W	3.7	7.0	3.5	.2								14.3	5.2
WNW	2.5	3.8	1.9	.3								8.4	5.3
NW	1.9	2.2	.9	.6								5.7	5.5
NNW	1.1	1.1	.7	.1	.1							3.0	5.4
VARBL													
CALM												18.9	
	19.3	38.9	20.8	5.3	.2							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.7	1.4	.4								4.4	6.2
NNE	.7	1.5	.9	.7								3.9	7.0
NE	.6	1.6	2.4	1.4	.2							6.2	8.3
ENE	.4	1.1	2.4	.9	.1							4.9	8.3
E	.6	.6	.8	.5								2.6	6.8
ESE		.5	.6									1.1	6.7
SE	.7	1.4	.9									3.0	5.5
SSE	.1	.9	.4	.2	.1							1.7	7.2
S	.7	1.6	.7	.1								3.2	5.5
SSW	.4	1.3	1.3	.2								3.2	6.4
SW	1.4	3.0	3.7	.9								9.0	6.7
WSW	1.3	4.4	4.2	.6								10.7	6.4
W	2.7	4.8	4.0	1.4	.1							12.7	6.3
WNW	1.4	2.1	1.9	1.8	.6							7.8	8.2
NW	.9	2.1	3.2	2.1	.6							8.7	9.0
NNW	.8	1.3	1.4	.6	.1							4.6	7.0
VARBL													
CALM												12.7	
	13.9	29.7	30.3	11.8	1.5							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.0	1.4	.7	.1							3.6	8.3
NNE	.4	.4	1.2	.4	.1							2.6	8.0
NE	.1	.9	2.4	1.3	.4							5.0	9.8
ENE	.2	.9	2.2	1.4	.2							4.9	9.4
E	.9	1.0	3.3	1.6		.1						6.8	8.4
ESE	.6	2.1	3.8	.8								7.0	7.5
SE	.6	1.9	3.5	.9								7.0	7.7
SSE	.3	.9	1.1	.7	.2							3.3	8.7
S	.2	1.0	1.4	.6								3.8	7.2
SSW	.4	1.2	1.2	.8	.1							3.7	8.1
SW	.4	2.0	3.7	1.8								8.3	7.8
WSW	.7	1.2	3.2	2.1	.1	.1						7.5	9.1
W	.4	1.9	4.8	4.0	.4	.1						11.5	10.0
WNW	.1	.4	2.9	2.8	.3	.2						6.6	11.6
NW	.6	1.3	2.7	3.3	1.4							9.2	11.0
NNW	.9	1.1	1.1	1.2	.8	.1						4.1	9.0
VARBL													
CALM												5.1	
	6.3	20.8	39.3	23.9	3.8	.6						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.6	.6	.6	.1	.1						1.6	10.9
NNE		.2	.5	.1	.1	.1						1.1	10.5
NE	.1	.2	.9	.9	.4		.1					2.5	11.7
ENE	.3	.4	1.0	1.1	.1							2.9	9.5
E	.1	1.4	4.1	2.0	.1							7.7	9.2
ESE	.1	1.3	5.2	3.9	.2							11.0	9.6
SE	.3	1.5	8.8	4.1	.1							14.8	9.8
SSE	.1	1.0	2.8	3.7	.4							8.0	10.8
S	.1	1.4	1.3	1.1			.1					4.2	8.9
SSW	.1	.6	1.1	1.9	.1							3.9	10.7
SW	.2	2.0	2.7	2.0	.3							7.2	9.2
WSW	.1	.7	2.2	2.1	.1							5.2	9.8
W		.7	2.4	4.8	.8	.3						9.0	12.2
WNW		.2	1.7	3.3	1.1							6.3	12.8
NW	.1	.3	1.6	3.7	1.8	.6						7.9	13.6
NNW	.1	.3	.9	1.0	.1	.1						2.7	10.1
VARBL													
CALM												2.2	
	2.0	12.2	37.7	38.2	5.8	.9	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.5	.7	.5								1.9	8.3
NNE		.2	.6	.1	.2	.1						1.4	11.8
NE	.2	.4	1.0	.6	.1	.1						2.4	8.8
ENE		.4	1.1	1.1	.2							2.8	10.9
E	.4	2.3	3.7	.6	.1							7.0	7.6
ESE	.4	1.9	4.4	2.2	.1							9.1	8.7
SE	.1	1.9	9.7	6.7	.1	.1						18.7	9.8
SSE	.2	1.9	6.1	3.1	.2							12.5	9.9
S	.4	1.0	2.2	.6	.2							4.4	8.5
SSW	.1	.4	1.0	1.4	.3	.2						3.4	12.1
SW	.4	.9	1.3	1.9	.5							4.9	10.3
WSW	.2	.4	1.4	1.4	.3							3.7	10.5
W	.1	.6	2.2	3.7	.9	.1						7.7	11.9
WNW	.1	.3	2.4	2.7	1.2	.1						7.0	12.3
NW	.1	.8	1.9	3.9	1.1	.4						8.0	12.7
NNW		.3	.7	1.0	.4							2.4	12.0
VARBL													
CALM												1.7	
	2.9	14.8	40.8	33.7	6.0	1.0						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM AWS 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE APB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.3	.8	.2								2.6	6.7
NNE	.1	.6	1.1	.1	.1							2.2	8.0
NE	.3	.8	1.0	.2	.1							2.5	7.8
ENE	.6	1.1	1.6	.3	.1	.1						3.4	7.3
E	.3	1.9	1.1	.4	.1							3.9	6.7
ESE	.6	2.2	1.6	.2	.2							4.6	6.6
SE	1.6	5.5	3.9	.9								11.8	6.3
SSE	1.8	4.0	5.6	1.1								12.0	6.9
S	1.6	4.1	3.2	.9	.2							9.7	6.6
SSW	.7	1.6	2.1	1.0	.3							5.5	8.5
SW	1.1	1.9	2.0	1.0		.1						6.1	7.3
WSW	.6	1.1	1.0	.2								2.7	6.5
W	1.6	1.8	2.5	1.2	.3	.1						7.2	7.7
WNW	.6	1.6	2.0	1.6	.3							5.9	9.3
NW	.1	1.3	3.4	2.2	.1							7.1	9.2
NNW	.3	.9	1.5	1.3								3.9	8.5
VARBL													
CALM												8.7	
	11.0	31.2	33.9	12.9	3.0	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 1395

USAPETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.8	1.1	.3								3.9	5.9
NNE	.6	1.4	1.0	.1	.1	.1						3.2	6.8
NE	1.1	1.2	1.6	.4		.2						4.4	6.9
ENE	.9	1.1	.9	.1								2.9	5.5
E	1.0	1.9	1.1	.1	.1							4.1	5.3
ESE	.4	1.0	.5	.1								1.9	5.7
SE	1.1	1.9	.6	.1								3.7	5.3
SSE	1.4	1.7	1.6									4.7	5.1
S	2.2	2.7	.7	.2								5.7	4.7
SSW	1.6	2.8	1.4	.8	.2							6.7	6.5
SW	1.3	3.9	4.2	1.4								10.7	7.0
WSW	1.3	2.1	1.1	.3								5.8	5.5
W	1.9	4.8	3.7	.5								10.9	6.0
WNW	.9	2.2	1.6	1.1	.1							5.4	7.7
NW	.8	2.3	1.6	.8								5.2	6.5
NNW	.3	1.3	1.4	.9	.1							3.9	7.1
VARBL													
CALM												17.3	
	16.0	34.8	26.2	6.2	.6	.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.5	.9	.1								3.8	5.1
NNE	.5	1.3	.9	.3								3.0	6.1
NE	.8	1.6	1.0	.4								3.8	6.1
ENE	.7	.7	.4	.1								2.0	5.0
E	.5	.6	.4									1.6	4.8
ESE	.4	.8	.1									1.3	4.2
SE	.6	1.0	.5									2.1	5.0
SSE	1.3	1.2	.6									3.1	4.4
S	1.3	1.4	.5									3.3	4.3
SSW	1.3	2.7	1.5	.1								5.6	5.4
SW	1.8	3.9	3.1	1.3	.1							12.1	6.3
WSW	2.4	3.9	2.3	.2	.1							10.6	5.3
W	3.3	5.8	2.3	.6	.1							12.2	5.3
WNW	1.7	3.4	.8	.1								6.0	4.5
NW	1.2	2.1	.7	.1	.1							4.3	5.1
NNW	.9	1.2	.5									2.6	4.3
VARBL													
CALM												22.7	
	20.1	37.0	16.6	3.6	.3							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 1330

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.1	1.2	.2								4.2	5.6
NNE	.7	2.0	.7	.2								3.6	5.5
NE	.8	2.1	1.0	.7								4.6	6.4
ENE	.4	.6	.5	.2								1.8	6.5
E	.4	.8	.2	.2								1.7	5.8
ESE	.4	.4		.1								.8	4.4
SE	.7	1.3	.2									2.1	4.4
SSE	.8	.7	.4	.2								2.1	5.2
S	1.3	1.6	.6									3.6	4.5
SSW	1.4	1.9	1.1	.1								4.6	5.1
SW	1.6	5.9	2.7	.3								10.4	5.6
WSW	1.6	5.6	2.1	.5								9.9	5.6
W	6.4	8.7	3.0	.7								16.8	5.1
WNW	1.9	2.4	1.3	.2								5.9	4.9
NW	1.7	1.9	.7	.1			.1					4.4	5.0
NNW	.9	1.0	.1									2.4	4.1
VARBL													
CALM												21.1	
	19.8	39.3	15.8	3.9			.1					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 1350

USAFETAC FORM AIR 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

0600-0800 (HOURS (L.S.T.))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.1	.4	.1								3.3	4.7
NNE	.6	1.7	1.4	.3								4.0	6.3
NE	.5	2.0	1.0	1.0	.2							4.7	7.7
ENE	.7	1.2	1.0	1.0								4.0	7.2
E	.3	.8	1.0	.2								2.4	7.0
ESE	.4	.3	.1	.2								1.0	5.9
SE	.9	.7	.2	.1								1.5	5.1
SSE	.6	.8	.7	.4								2.5	6.2
S	.5	1.7	.6	.1								3.0	5.4
SSW	.9	1.4	1.6									3.9	5.6
SW	1.8	5.4	2.9	.6	.1							10.7	6.0
WSW	1.6	5.9	3.9	.3								11.7	5.8
W	3.0	8.0	3.8	1.6	.3							16.7	6.2
WNW	1.6	2.4	1.5	.8		.1						6.4	6.3
NW	1.0	3.2	1.9	.8		.1						7.1	6.8
NNW	1.0	1.9	.7	.1	.1							3.8	5.2
VARBL													
CALM												13.3	
	18.8	39.4	22.8	7.4	.7	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1390

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — JUN MONTH

ALL WEATHER CLASS — 0900-1100 HOURS (L.S.T.)

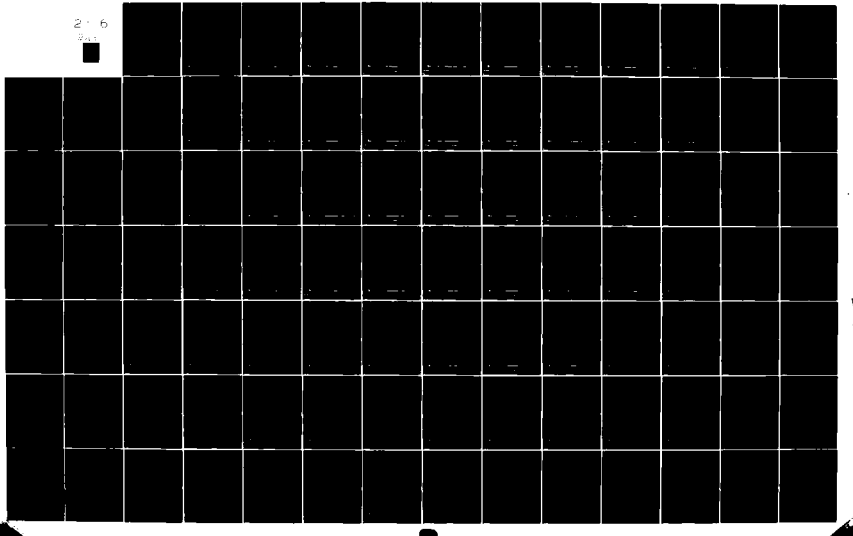
CONDITION

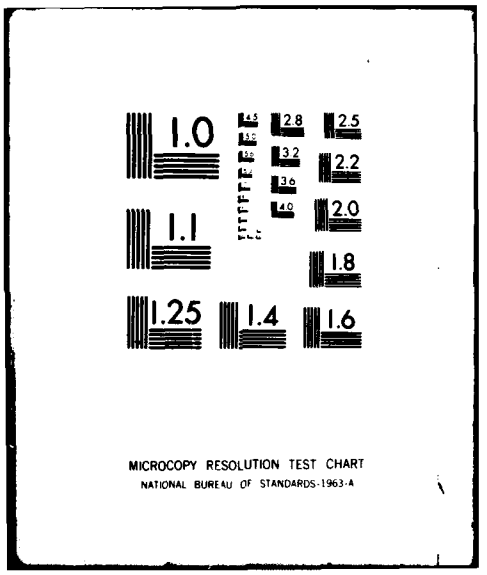
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.0	.7	.2								2.4	5.9
NNE	.4	.8	1.0	.1								2.4	6.0
NE	.1	1.0	1.7	1.4	.2							4.4	9.4
ENE	.5	1.0	1.1	1.2	.1							3.9	8.2
E	.8	2.0	2.4	.9	.1							6.1	7.3
ESE	.4	1.6	2.1	.6								4.7	7.2
SE	.3	2.1	2.7	.7								5.8	7.3
SSE	.3	.8	1.4	.6								3.1	7.8
S	.6	1.4	1.1	.2	.1							3.4	6.5
SSW	1.0	2.6	2.3	.5								6.1	6.5
SW	1.4	4.6	4.7	1.0	.1	.1						11.9	7.0
WSW	1.1	4.1	3.9	1.0	.1							10.3	7.0
W	1.3	4.1	3.8	2.2	.3	.1						13.8	8.1
WNW	.5	1.0	2.2	2.7	.1	.1						6.6	10.0
NW	.5	1.3	1.8	1.6	.1	.2						5.6	9.4
NNW	.2	1.0	1.3	1.1								3.6	8.6
VARBL													
CALM												5.9	
	10.1	30.2	36.1	15.9	1.3	.5						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 1350

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AUG 64

AD-A082 911 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PEASE AFB, PORTSMOUTH, NEW HAMPSHIRE. REVISED UNIFORM SUMMARY O--ETC(U)
MAY 72
UNCLASSIFIED USAFETAC/DS-80/019 NL




1.0
1.1
1.25
1.4
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2.8
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3	1.0	.3								1.9	7.7
NNE	.1	.6	.7	.1								1.5	7.9
NE	.1	.7	1.3	1.1	.1							3.4	9.5
ENE	.1	.9	1.0	1.0								2.9	8.7
E	.7	1.8	3.3	1.8								7.5	8.0
ESE	.4	2.4	4.9	1.6								9.3	8.2
SE	.7	1.8	5.9	3.5	.1							12.0	9.1
SSE	.1	1.4	4.7	3.5	.3							10.0	9.8
S	.3	1.3	1.5	1.0								4.1	8.0
SSW	.1	1.3	1.7	1.0	.1	.1						4.3	8.7
SW	.4	2.1	3.4	2.1	.4							8.5	9.0
WSW	.3	2.0	3.9	.6								7.0	7.5
W	.3	1.3	3.2	2.9	.8	.1						10.3	9.9
WNW	.1	.9	2.3	2.9	.3							6.4	10.7
NW	.1	.3	1.9	3.0	.4	.3						6.3	11.9
NNW		.4	.7	.7								1.9	9.6
VARBL													
CALM												2.7	
	6.2	19.8	48.8	27.0	2.4	.6						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 1380

USAPETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	.7	.3	.1							1.7	8.3
NNE	.1	.1	.5	.2								1.0	8.0
NE	.2	.5	1.6	1.1	.1	.1						3.7	9.5
ENE	.2	.6	1.5	.7								3.0	8.5
E	.4	1.9	2.4	.5								5.2	7.2
ESE	.6	2.1	2.8	.7								6.3	7.2
SE	.4	4.1	8.2	3.1								15.9	8.3
SSE	.3	2.6	7.6	5.2	.3	.1						16.3	9.8
S	.4	1.9	1.9	1.1	.1							5.4	7.9
SSW	.3	.8	1.3	.8	.1	.1						3.6	9.0
SW	.4	1.6	3.4	1.3	.2	.1						7.1	8.7
WSW	.1	1.3	2.3	.8								4.7	8.3
W	.3	1.2	4.1	2.0	.2	.1						7.9	9.3
WNW	.6	1.3	2.5	2.6	.3	.1						7.2	10.0
NW	.1	.6	2.8	3.0	.3							6.4	10.9
NNW	.1	.6	.7	1.1	.1							2.4	10.3
VARBL													
CALM												2.2	
	4.4	21.4	44.3	24.7	2.1	.6						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 1330

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.7	1.3	.1								2.4	6.8
NNE	.2	.9	.7	.1								1.9	6.3
NE	.1	1.4	1.3	.4	.1							3.3	7.5
ENE	.1	.8	1.1	.1								2.1	7.3
E	.0	1.0	1.2	.1								3.6	6.0
ESE	.3	1.0	.9	.1								3.0	5.5
SE	1.3	4.2	3.5	.3								9.5	5.9
SSE	1.9	7.3	6.5	.9	.1							16.8	6.5
S	2.1	4.7	2.3	.7	.1							10.3	6.0
SSW	1.0	3.0	1.6	.7	.1							6.4	6.4
SW	1.3	1.7	3.3	.8	.1							7.6	7.2
WSW	.8	1.6	1.0	.1								3.6	5.6
W	.7	2.3	1.0	.7	.2							5.0	7.0
WNW	.3	1.0	1.6	1.0								4.7	7.3
NW	.2	1.6	2.2	1.3	.1							5.3	8.6
NNW	.3	1.4	1.6	.9	.1							4.4	8.1
VARBL													
CALM												10.1	
	12.3	36.7	31.4	8.4	1.0							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 1380

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.9	1.0	.2								3.9	5.6
NNE	1.0	1.1	.9									3.0	5.3
NE	.8	1.8	.7	.2								3.3	5.7
ENE	.2	1.2	.4	.1								1.9	6.0
E	1.0	1.2	.7									2.9	4.8
ESE	.4	.9	.3									1.6	4.9
SE	1.0	1.9	.7									3.6	4.7
SSE	1.8	2.8	.7	.1								5.3	4.4
S	2.2	3.9	1.7	.1								8.0	4.9
SSW	1.7	3.9	2.2	.7	.1							8.6	5.9
SW	2.9	6.8	4.1	1.6								13.2	6.4
WSW	1.8	2.8	1.6	.4								6.3	5.5
W	1.9	3.6	1.3	.8								7.3	5.4
WNW	1.4	1.7	.7	.1	.1							4.0	5.2
NW	1.8	2.8	1.9	.2								6.9	5.6
NNW	.9	2.2	.8									3.4	5.9
VARBL													
CALM												17.8	
	20.3	37.6	19.8	6.6	.1							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 1380

USAFETAC FORM AIR 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.2	.6									4.1	4.5
NNE	.9	1.4	.4									2.7	4.2
NE	.6	1.1	.4									2.2	4.8
ENE	.4	.8	.1									1.3	4.2
E	.4	.8	.1									1.3	4.4
ESE	.7	.5		.1								1.3	3.8
SE	.7	1.4	.9	.1								3.2	5.6
SSE	.6	1.7	.4	.1								2.8	5.0
S	1.8	2.6	.6	.1								5.2	4.5
SSW	1.1	1.9	1.8	.1								4.9	5.9
SW	1.8	3.6	2.2	.3								9.5	5.6
WSW	3.0	3.9	1.1	.1								10.0	4.4
W	4.3	9.0	2.2	.5	.1							16.0	4.8
WNW	2.2	4.2	1.5	.2								8.0	4.9
NW	1.9	2.8	.9	.1								5.9	4.6
NNW	1.4	1.4	.4									3.2	4.3
VARBL													
CALM												19.6	
	28.8	48.3	13.8	1.7	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 1398

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04742 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.4	.4	.1								3.2	4.4
NNE	.5	1.6	.4	.1								2.6	5.1
NE	.8	1.9	.9	.1								3.5	5.2
ENE	.1	.3	.2	.1								.7	6.2
E	.4	.5	.6	.2								1.8	6.5
ESE	.3	.4	.2	.1								.9	5.2
SE	.3	1.0	.3	.1								2.2	4.6
SSE	1.0	1.4	.9	.2								3.9	4.9
S	2.4	1.8	.7									4.9	4.2
SSW	1.1	1.8	.9	.1								3.7	4.7
SW	1.8	3.2	2.2	.1								7.1	5.6
WSW	2.4	3.3	1.8	.1								9.7	4.9
W	8.0	7.1	2.2	.3								17.6	4.6
WNW	3.1	4.3	.8	.1								8.3	4.2
NW	2.6	2.9	.6	.3								6.3	4.5
NNW	1.1	1.1	.4	.1								2.7	4.4
VARBL													
CALM												21.0	
	36.0	37.0	13.4	2.0								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM 0-8-8 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04742 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.8	.5	.1								3.1	5.1
NNE	.8	1.5	.8	.1								2.9	5.0
NE	.9	1.9	1.1	.1								4.0	5.7
ENE	.3	.6	.5	.1								1.6	6.2
E	.6	.9	.9	.1								2.6	5.6
ESE	.3	.2	.3	.3								1.1	7.2
SE	.9	.9	.2	.1								2.2	4.8
SSE	.6	1.6	.6									2.2	5.3
S	1.8	2.6	1.0	.2								5.1	5.1
SSW	1.6	1.6	1.2	.1								4.4	5.5
SW	1.4	3.6	2.0	.6								7.3	5.6
WSW	2.9	6.8	2.9	.1								12.8	5.1
W	6.4	7.6	3.2	1.1								18.3	5.7
WNW	2.1	2.7	2.1	.6	.1							7.2	5.7
NW	1.9	2.8	1.2	.6	.2	.1						6.7	6.1
NNW	1.0	2.1	.7	.2								4.0	5.2
VARBL													
CALM												14.1	
	21.3	38.8	20.9	4.2	.3	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM AIR 60 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE APB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.4	1.4	.4								4.1	6.2
NNE	.4	.9	.3									1.5	5.3
NE	.5	1.5	1.5									3.5	6.1
ENE	1.1	.7	1.1	.4								3.4	6.1
E	.8	1.8	2.4	.4								5.2	6.9
ESE	.8	1.8	1.2	.4								4.0	6.1
SE	.8	1.8	1.8	.4								4.5	6.8
SSE	.9	1.3	1.9	.1								4.4	6.2
S	1.2	1.6	1.6	.1	.1							4.6	5.7
SSW	.3	2.1	2.1	.8	.1							5.3	7.2
SW	1.9	4.3	3.3	1.8	.1							11.1	6.6
WSW	1.8	4.3	3.8	1.1	.1							10.9	6.5
W	1.3	4.3	6.2	2.2								14.0	7.4
WNW	.9	1.9	2.3	1.9								6.6	8.4
NW	.8	1.7	2.9	1.4	.4	.1						6.9	9.1
NNW	.3	.8	1.8	.8								3.2	8.0
VARBL													
CALM												6.0	
	13.8	36.2	38.9	11.2	.7	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.6	.8	.4								2.0	7.6
NNE	.1	.6	.4									1.1	6.0
NE	.1	.3	1.3	.3	.1							2.3	8.6
ENE	.1	1.1	1.1	.2								2.5	7.2
E	.1	1.3	2.8	.9								5.2	8.2
ESE	.3	2.2	4.4	.7								7.6	7.7
SE	.3	3.2	6.8	2.2								12.5	8.2
SSE	.4	1.6	4.6	2.1	.1							8.8	8.8
S	.6	1.3	2.2	1.1	.1							5.2	8.5
SSW	.2	.6	2.1	1.4	.4	.1						4.8	9.3
SW	.3	2.4	4.4	2.0								9.5	8.2
WSW	.4	3.0	3.7	.7								8.7	7.0
W	.6	3.2	7.4	2.9	.1							14.1	8.7
WNW		1.0	2.9	1.9	.2							6.0	9.9
NW	.1	.8	2.4	2.4	.3	.1						6.3	11.2
NNW		.3	1.0	.8								1.8	9.6
VARBL													
CALM												1.9	
	3.9	24.8	48.8	19.9	1.8	.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.2	.5	.1								1.1	7.1
NNE	.1	.2	.4									.6	6.3
NE	.1	.6	1.1	.1								2.0	7.3
ENE	.1	.9	1.0	.1								2.1	6.3
E	.2	2.1	3.1	.2	.1							5.8	7.4
ESE	.1	1.7	2.9	.5								5.4	7.4
SE	.4	3.8	7.7	2.2								14.1	8.0
SSE	.8	3.8	9.6	2.9	.2							17.3	8.3
S	.4	2.4	3.1	1.7	.2							7.9	8.3
SSW	.2	1.1	1.8	1.4	.1							4.7	9.1
SW	.2	1.4	3.8	1.3	.1							7.3	8.2
WSW	.3	2.2	3.2	1.4								7.3	8.0
W	.1	2.4	6.6	1.8	.1							9.0	8.4
WNW	.1	.9	2.4	1.9	.1							5.4	9.6
NW	.1	.3	2.1	2.3	.9							5.7	11.3
NNW		.2	1.3	.9	.2							2.6	10.5
VARBL													
CALM												1.4	
	4.9	30.8	68.6	18.9	1.9							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.8	.4	.2								1.8	6.0
NNE	.1	.4		.1								.6	5.3
NE	.5	1.1	1.0									2.6	5.9
ENE	.3	1.4	.9									2.6	5.6
E	.6	2.0	1.1									3.7	5.5
ESE	.7	2.5	.9	.2								4.4	5.8
SE	1.7	3.2	3.1	.3								10.3	5.7
SSE	3.2	7.3	3.3	.7	.1							16.8	5.9
S	2.8	4.4	2.8	.3								10.3	5.4
SSW	1.3	2.2	1.9	1.2								6.7	6.7
SW	1.6	3.0	1.9	.6								7.1	5.8
WSW	.9	2.4	.9	.6	.1							4.9	6.2
W	1.4	3.2	1.1	1.1	.1	.1						7.0	6.6
WNW	.5	2.4	1.2	.4								4.4	6.4
NW	.7	1.8	2.1	1.3	.1							5.9	7.8
NNW		.9	1.5	.6								3.0	8.9
VARBL													
CALM												8.0	
	16.8	41.2	30.1	7.8	.4	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE APT N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.4	.1									2.1	4.3
NNE	.6	.9	.1									1.7	4.1
NE	.9	1.6	.6									3.0	4.7
ENE	.7	.6	.1									1.4	3.8
E	.6	1.3	.4									2.3	4.6
ESE	.4	.6	.1	.1								1.2	4.9
SE	1.1	2.3	.9	.1								4.4	5.1
SSE	2.2	2.0	1.3	.1								5.6	4.9
S	2.1	3.7	1.4	.3								7.5	5.2
SSW	2.4	3.5	1.6	.4								7.9	5.1
SW	2.7	4.4	2.7	.4								10.3	5.5
WSW	2.4	3.7	1.7	.2								8.1	5.0
W	3.1	6.3	2.4	.6								12.6	5.2
WNW	.8	2.7	.8	.3								4.4	5.4
NW	1.3	1.8	1.2	.3								4.6	5.5
NNW	.6	1.6	.7	.1								2.9	5.5
VARBL													
CALM												20.0	
	22.4	38.4	16.0	2.9								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.9	.9									4.6	5.1
NNE	.1	1.4	.7	.1								2.4	6.1
NE	.6	1.1	1.6									3.3	6.2
ENE	.3	.1	.3	.1								.9	6.0
E	.4	.3										.7	3.4
ESE	.1	.1	.1									.3	4.3
SE	.4	.9	.4									1.7	4.8
SSE	.9	1.4	.5	.1								2.9	4.7
S	2.1	2.1	.6									4.7	4.0
SSW	1.3	2.2	.5	.1								4.1	4.7
SW	2.1	5.5	2.6	.1								10.3	5.2
WSW	2.0	4.9	1.3	.3								8.5	4.9
W	3.5	7.0	1.9	.2								12.7	4.8
WNW	2.7	4.0	1.4	.2								8.3	4.8
NW	2.9	4.4	.8	.1								8.2	4.2
NNW	1.1	2.4	.6									4.2	4.7
VARBL													
CALM												22.4	
	21.4	40.8	14.2	1.4								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM AUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.4	.9	.1								4.7	5.0
NNE	.6	.9	1.1	.2								2.8	6.3
NE	.6	.6	1.9	.1								3.3	6.9
ENE	.1	.6	.6									1.3	6.1
E	.3	.1										.4	3.4
ESE	.1	.1										.2	3.0
SE	.6	.6	.4									1.5	4.7
SSE	.6	1.3	.4									2.3	4.7
S	1.9	1.9	.4									4.2	3.9
SSW	1.4	1.3	.6	.1								3.9	4.7
SW	2.2	3.1	.9	.1								6.2	4.6
WSW	2.2	3.7	1.6									9.5	4.7
W	4.4	7.7	2.4	.4								14.9	4.6
WNW	2.9	4.1	1.2	.3								8.5	4.6
NW	2.3	3.7	.6	.2								7.0	4.4
NNW	1.4	2.3	.7	.1								4.8	4.7
VARBL													
CALM												22.3	
	28.2	39.1	15.3	1.7								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.1	1.3	.1								5.7	5.4
NNE	1.0	1.6	1.2	.2								4.1	5.8
NE	.6	1.6	1.6	.4	.1							4.3	7.1
ENE	.4	.5	.4	.1								1.4	6.3
E	.2	.7	.1	.1								1.1	5.4
ESE	.1	.4										.5	4.7
SE	.6	.3	.3	.3								1.6	5.7
SSE	.6	1.1	.5									2.2	5.0
S	1.1	1.6	.6									3.4	4.6
SSW	1.0	1.5	.6	.1								3.2	5.0
SW	1.6	3.7	2.0	.5								7.7	5.6
WSW	2.8	4.0	3.7	.1								11.6	5.1
W	4.2	8.7	4.1	.6								17.6	5.3
WNW	2.3	3.3	1.8	.9								8.2	5.7
NW	2.6	3.0	1.9	.5								8.0	5.4
NNW	1.7	2.4	1.2	.1								5.4	4.9
VARBL													
CALM												13.6	
	28.0	39.9	20.6	6.1	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06743	PEASE AFB N H/PORTSMOUTH	56-70	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0900-1100 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.8	.8	.1								3.5	5.4
NNE	.6	1.1	.7	.2								2.7	5.9
NE	.6	1.6	2.1	.7								5.1	7.1
ENE	.6	1.4	1.0	.8								3.8	7.0
E	.2	1.6	1.6	.1								3.5	6.3
ESE	.8	1.1	.8	.1								2.8	5.4
SE	.4	1.6	1.9	.4								4.2	6.9
SSE	.5	1.1	1.1	.3								3.0	6.3
S	1.1	1.5	.9	.3								3.8	5.5
SSW	.8	1.2	1.4	.4								3.8	6.4
SW	1.7	4.4	4.0	1.0								11.1	6.5
WSW	1.8	4.2	3.7	1.1								12.8	6.3
W	1.7	3.9	4.2	2.0								13.8	7.1
WNW	.8	1.6	2.5	1.9	.2							6.5	8.9
NW	.1	1.2	2.8	1.3	.4							5.5	9.3
NNW	.8	1.4	1.6	1.0	.1							4.9	7.8
VARBL													
CALM												7.1	
	18.3	36.7	32.7	11.5	.7							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1393

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8	.9	.1	.1							2.2	6.9
NNE	.2	.3	.6	.4								1.5	8.3
NE	.2	.6	1.0	.6								2.4	8.4
ENE	.1	.9	.8	.4								2.2	7.6
E	.2	1.4	2.7	.6								4.9	7.7
ESE	.4	1.8	2.8	.7								5.7	7.6
SE	.7	3.3	7.0	2.2	.1							13.4	8.2
SSE	.9	1.8	4.7	1.7	.3							8.5	8.7
S	.8	1.1	2.0	1.1								4.8	8.2
SSW	.1	.9	1.4	1.1								3.6	8.4
SW	.8	2.7	4.4	1.8								10.3	7.5
WSW	.9	3.0	4.7	1.7								10.4	7.6
W	.9	2.9	4.3	2.8	.5							13.8	8.6
WNW	.4	.8	2.7	1.9	.3							6.0	9.7
NW	.3	1.1	2.1	2.8	.9	.1						8.3	10.3
NNW		.4	1.1	.4	.4							2.4	10.1
VARBL													
CALM												1.6	
	8.2	35.2	48.2	20.0	1.7	.1						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04749 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1900-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.6	.7	.4		.1						1.7	9.0
NNE	.1	.3	.4	.1								.9	7.6
NE	.1	.6	1.4	.3								2.4	8.0
ENE	.1	.8	.7	.3								1.6	7.6
E	.4	1.1	2.2	.2								3.8	6.8
ESE	.3	1.7	2.6	.2								4.6	6.8
SE	.3	3.9	7.8	2.6								14.6	8.2
SSE	.4	3.7	8.8	3.3	.1							16.3	8.4
S	.4	2.3	3.8	1.9	.1							8.6	8.4
SSW	.8	1.1	1.1	.6								3.4	6.9
SW	.6	2.0	3.6	1.0	.1	.1						8.3	7.5
WSW	.6	2.7	4.1	.8								7.7	7.3
W	.4	1.9	4.4	1.8								8.5	8.4
WNW	.2	.9	2.6	2.1	.4							6.1	10.2
NW	.3	1.1	3.2	1.6	.1	.1						6.5	9.2
NNW		.3	1.4	1.3	.1	.1						3.4	10.6
VARBL													
CALM												1.4	
	4.8	28.8	48.8	18.2	.9	.3						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 1398

USAFETAC FORM AUG 66 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.9	.3	.1	.2							2.2	7.1
NNE	.6	.3	.2									1.1	4.3
NE	.8	1.3	1.2	.3								3.4	6.3
ENE	.6	.8	.9	.3								2.2	6.7
E	.7	1.1	.8	.1								2.7	5.4
ESE	.8	1.4	.6									2.7	5.0
SE	1.4	2.3	2.8	.1								7.6	5.7
SSE	3.2	6.7	5.7	.7	.1							15.4	5.8
S	3.1	5.0	3.7	.6								12.8	5.5
SSW	1.4	2.6	1.4	.1								5.6	5.4
SW	1.8	2.7	1.8	.3								6.2	5.5
WSW	2.1	2.3	.8	.1								5.5	4.5
W	1.8	2.7	1.4	.0								5.9	5.0
WNW	.9	2.4	1.8	.0								5.2	6.2
NW	.8	3.2	1.4	.6	.1							5.9	6.8
NNW	.8	1.8	1.7	.7	.0							4.4	7.4
VARBL													
CALM												11.1	
	18.9	39.8	28.7	6.9	.6							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1393

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.9	.8	.1								3.7	5.1
NNE	.7	1.3	.6	.1								2.7	5.0
NE	.4	1.1	1.0	.2								2.8	6.1
ENE	.4	1.2	.4									2.1	5.4
E	.3	1.0	.2									1.7	4.5
ESE	.2	.2										.4	3.8
SE	.8	.8	.4	.3								2.1	5.9
SSE	1.9	2.3	.6	.1								4.8	4.4
S	2.3	3.7	1.4	.1								7.6	4.8
SSW	1.9	2.4	1.8									6.1	5.2
SW	2.9	5.2	2.9	.2								11.2	5.2
WSW	2.0	4.9	1.0									7.9	4.6
W	3.3	4.6	1.3	.6								9.4	4.7
WNW	1.6	3.2	.9	.3								5.9	5.1
NW	1.6	2.8	1.4	.2								5.9	5.4
NNW	1.1	2.1	1.1	.1								4.4	5.1
VARBL													
CALM												21.3	
	32.1	58.6	16.0	2.1								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM AUG 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.3	1.4	.1								6.3	5.2
NNE	1.1	2.2	1.6	.1								5.0	5.7
NE	1.0	1.4	.7	.1	.1							3.3	5.8
ENE	.6	.7	.1	.2								1.6	5.5
E	.1	.4	.4	.1								1.0	6.8
ESE		.2	.1	.1								.8	7.5
SE	.2	.3	.4	.2	.1							1.9	8.0
SSE	.4	1.0	.3	.3								2.3	6.2
S	1.4	1.6	.6									3.6	4.3
SSW	1.0	2.4	1.3	.1								4.7	5.3
SW	1.8	3.3	1.9	.7								7.6	5.9
WSW	1.8	3.2	1.0	.2		.1						8.2	5.1
W	3.2	6.3	2.6	.3								12.8	5.2
WNW	2.7	3.7	1.0	.4								7.9	4.8
NW	3.2	3.1	1.6	.6								8.3	4.8
NNW	1.8	2.7	1.3									5.4	4.9
VARBL													
CALM												19.8	
	21.1	38.7	16.4	3.7	.3	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 1390

USAFETAC FORM 0-8-8 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.3	1.4	.3								6.4	5.3
NNE	1.3	2.7	1.8	.1								5.9	5.6
NE	.7	1.0	1.0	.2	.1							3.1	7.0
ENE	.4	.5	1.0	.2								2.1	6.7
E	.3	.1	.3	.2								1.0	7.3
ESE	.1	.3	.1									.5	4.9
SE	.1	.3	.1	.1								1.1	6.3
SSE	.9	1.0	.5	.2								2.6	5.4
S	.9	1.6	.9	.1								3.4	5.1
SSW	1.1	1.3	1.0									3.6	5.1
SW	1.4	3.0	1.8	.4								6.7	5.9
WSW	1.9	3.9	1.2	.1								6.5	5.0
W	3.9	7.3	3.0	.2								14.3	5.1
WNW	2.1	3.9	1.4	.1								7.6	4.4
NW	3.0	3.7	1.6	.1								8.5	4.7
NNW	2.1	2.8	.3									5.1	4.1
VARBL													
CALM												19.6	
	22.9	37.1	17.6	2.6	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 1390

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

06763	PEASE AFB N H/PORTSMOUTH	56-70	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CEIL)

0600-0800 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	3.4	2.1	.8								8.5	5.7
NNE	1.0	3.8	2.7	.1								7.6	6.2
NE	1.0	2.1	1.8	.7	.1							5.8	7.0
ENE	.1	.6	.6	.2	.1							1.7	8.2
E	.1	.4	.1	.1	.1							.9	7.6
ESE	.1	.1	.1									.3	5.3
SE	.4	.7										1.0	3.6
SSE	.3	.8	.1	.3								1.8	5.8
S	1.3	1.6	.7	.1								3.4	4.7
SSW	.6	.8	.9	.1								2.2	6.4
SW	1.6	3.6	3.2	.4								8.7	6.2
WSW	1.8	4.3	2.0	.1	.1							8.1	5.9
W	3.1	6.7	4.1	.6								14.3	5.5
WNW	2.2	3.4	2.1	.4								8.1	5.5
NW	3.6	3.3	1.7	1.0								9.6	5.2
NNW	1.9	1.7	1.3	.2								5.0	5.1
VARBL													
CALM												12.8	
	21.1	37.0	23.8	5.2	.4							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1380

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.3	1.9	1.0								6.2	6.8
NNE	.4	2.2	1.4	.6	.1							4.7	6.9
NE	.2	2.1	3.0	1.1	.1	.1						6.5	8.1
ENE	.8	1.3	3.1	.5	.1	.1						5.9	7.7
E	1.0	1.7	1.8	.4	.1							5.0	6.6
ESE	.2	.9	.8	.1	.1							2.1	6.9
SE	.6	1.3	.7	.1	.1							2.5	6.1
SSE	.3	.7	1.3	.3								2.7	6.9
S	.7	1.3	1.7	.2	.1							4.1	6.5
SSW	1.2	1.6	1.2	.4								4.3	6.1
SW	1.3	3.0	3.6	.9	.1							9.1	6.8
WSW	1.7	3.3	4.3	.8								10.1	6.5
W	1.8	3.0	4.7	2.0	.3	.1						11.8	7.6
WNW	.7	1.2	2.2	1.9	.1							6.0	8.5
NW	.7	1.7	3.3	2.7	.3							8.6	9.1
NNW	.3	.9	1.2	1.3	.1							3.6	9.2
VARBL													
CALM												6.7	
	15.3	27.9	36.1	14.3	1.3	.4						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 1380

USAFETAC FORM 0-8-8 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.7	1.3	.6								2.7	8.5
NNE	.3	.3	1.0	.4								2.1	8.2
NE	.1	1.8	1.7	1.6	.1	.1						5.5	9.1
ENE	.3	1.3	2.1	.4	.1	.2						4.4	8.9
E	.7	2.7	3.0	.7								7.2	7.0
ESE	.6	2.3	3.8	.4								7.1	7.2
SE	.6	2.7	3.8	1.1	.1							8.1	7.5
SSE	.6	2.0	4.3	2.0	.1							9.0	8.6
S	.2	1.0	1.4	1.2	.1							3.9	8.8
SSW	.4	.6	1.3	1.3								3.7	8.9
SW	.4	2.3	3.8	1.3	.1							7.9	8.1
WSW	.4	2.1	3.3	.9	.1	.1						6.8	8.0
W	.4	2.8	4.2	2.6	.3	.1						10.4	8.9
WNW	.3	1.3	2.4	2.2	.1							6.4	9.3
NW	.3	1.3	3.3	3.8	.3							8.7	10.2
NNW	.4	.6	1.2	1.2								3.3	8.7
VARBL													
CALM												2.7	
	5.9	25.9	42.1	21.8	1.6	.6						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 1380

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	1.0	.4								2.1	8.9
NNE	.1	.7	1.0	.4								2.3	7.9
NE	.4	1.3	1.6	1.0		.1						4.3	8.3
ENE	.3	1.0	1.3	.4	.1	.1						3.3	8.4
E	.4	2.1	2.3	.2		.1						5.2	7.0
ESE	.4	2.3	2.0	.2								6.2	6.6
SE	1.2	3.3	6.8	.8			.1					14.2	6.8
SSE	1.2	3.0	5.7	2.1	.1							12.1	7.8
S	.8	2.8	2.6	1.1								6.7	7.6
SSW	.4	1.3	1.9	.8	.1							4.5	8.0
SW	1.0	1.9	2.0	.7	.1							5.8	7.1
WSW	.4	2.1	2.0	.7								5.2	7.1
W	.2	2.3	3.3	1.3	.1	.1						7.6	8.4
WNW	.4	1.2	2.1	1.6	.2							5.4	8.8
NW	.4	1.6	4.0	2.9	.2							9.1	9.4
NNW	.1	.9	1.3	1.1	.2							3.2	10.3
VARBL													
CALM												2.7	
	7.8	30.3	41.8	16.0	1.3	.4	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 1380

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE APB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.9	.5	.2								2.9	6.0
NNE	.7	1.1	.9	.4								3.1	6.4
NE	.9	1.7	1.6	.5	.1							4.8	6.8
ENE	.7	1.0	.7	.1								2.4	5.4
E	.8	1.1	.4	.1	.1							2.6	5.9
ESE	.7	1.9	.4	.1								3.0	4.8
SE	2.0	4.3	1.3	.1								7.9	4.8
SSE	3.2	5.0	2.0	.3			.1					10.7	5.3
S	2.5	3.8	2.3	.3	.1							9.0	5.5
SSW	1.3	1.3	1.6	.4								4.8	5.9
SW	1.9	2.6	1.6	.4				.1				6.6	5.8
WSW	1.3	1.9	1.3	.2								4.7	5.3
W	1.5	3.2	1.5	.1								6.3	5.2
WNW	1.1	2.7	1.8	.4								6.1	5.9
NW	1.1	2.1	2.2	.3								5.8	6.2
NNW	.2	1.3	1.6	.3	.1							3.5	7.4
VARBL													
CALM												15.9	
	20.1	37.3	21.6	4.3	.5		.1	.1				100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 1350

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.5	1.6	.1								5.3	5.9
NNE	1.2	1.9	1.3	.1								4.5	5.7
NE	.7	1.5	1.0	.2	.1							3.4	6.3
ENE	.6	.5	.1	.1								1.4	4.8
E	.3	.6	.4	.3	.1							1.7	7.7
ESE	.7	.4	.1									1.3	3.5
SE	.9	.6	.7	.1								2.3	5.5
SSE	.8	.6	.9	.3								2.6	5.9
S	1.4	2.0	1.1	.3								5.8	5.2
SSW	1.3	2.5	1.9	.3	.1							6.0	6.0
SW	2.5	3.3	2.1	.4		.1						9.6	5.2
WSW	2.3	2.4	2.1	.4		.1	.1					7.3	6.0
W	3.0	4.8	2.2	.1								10.1	5.0
WNW	1.9	2.3	1.0	.2	.1							5.3	5.1
NW	1.4	2.0	1.0	.4								5.9	5.5
NNW	1.4	2.4	1.7	.1								5.6	5.3
VARBL													
CALM												21.9	
	22.9	32.8	19.0	3.7	.4	.1	.1					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 1390

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.4	1.8	.1								5.1	6.1
NNE	.4	1.0	2.3	.5								4.8	7.2
NE	.4	1.5	.9	.9	.1							3.8	7.7
ENE	.4	.5	.7	.5	.2							2.4	8.5
E	.1	.4	.1	.2		.1						.9	8.7
ESE	.1	.6	.2									.9	5.1
SE	.4	.4	.2	.4								1.5	7.3
SSE	.5	.9	.5	.4								2.2	6.5
S	1.1	1.9	.5	.1								3.6	4.6
SSW	1.1	1.9	.4	.1								3.6	4.8
SW	2.2	4.4	1.7	.3								8.6	5.2
WSW	3.0	4.9	1.6	.1								9.6	4.8
W	4.2	7.6	2.5	.6								14.8	5.1
WNW	2.1	2.9	2.3	1.3	.3							9.0	6.9
NW	1.6	3.2	2.2	.6	.1							7.7	6.2
NNW	.9	1.6	.8	.4	.1							3.8	6.3
VARBL													
CALM												17.7	
	19.6	36.3	18.9	6.6	.8	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.6	1.3	.1	.1							5.2	5.5
NNE	.7	1.6	2.5	.4								5.3	6.9
NE	.3	1.5	1.9	1.2	.2							5.2	8.6
ENE	.4	.8	.4	.4								1.9	7.2
E	.1	.4	.3	.3								1.1	7.8
ESE	.1	.4	.1									.6	5.3
SE	.4	.4	.4	.2								1.5	6.6
SSE	.7	.6	.3	.3								1.9	6.1
S	1.0	1.4	.1	.5								3.0	5.6
SSW	.7	1.3	.3	.1								2.4	4.5
SW	1.6	3.1	1.6	.3								6.6	5.4
WSW	2.4	3.7	1.7	.4								8.2	5.3
W	6.9	8.0	4.9	.3								18.1	5.2
WNW	2.2	3.9	2.8	1.1	.2							10.0	6.4
NW	1.3	3.9	1.5	.6	.2							7.5	6.1
NNW	1.6	2.0	.6	.6								4.9	4.9
VARBL													
CALM												16.8	
	19.3	35.3	20.9	6.7	.8							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

0600-0800 (HOURS (L.S.T.))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.9	1.8	.1	.3							6.4	6.0
NNE	.6	2.4	2.2	.9								6.2	7.0
NE	.5	1.2	2.1	1.1	.1							5.0	8.3
ENE	.3	.9	.6	.4								2.2	6.9
E	.1	.1	.1									.4	5.3
ESE	.1	.2	.2	.2								.7	8.0
SE	.4	.2	.4	.4	.2							1.6	8.4
SSE	.4	.5	.4		.1							1.4	5.5
S	1.4	1.4	.9	.4								4.0	5.5
SSW	.6	1.0	.4	.1								2.2	5.2
SW	1.6	2.2	1.3	.3	.1							5.5	5.5
WSW	1.8	4.0	1.9	.2								7.9	5.4
W	5.2	7.6	4.6	1.6								19.1	5.6
WNW	3.2	3.2	2.7	1.5	.4							10.9	6.8
NW	2.4	2.8	2.4	1.2	.1							9.0	6.6
NNW	1.2	1.5	.8	.4								3.9	5.2
VARBL													
CALM												14.0	
	21.1	32.1	22.6	9.0	1.2							100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.4	1.3	.6	.1	.1						4.4	7.1
NNE	1.1	1.9	1.3	.8								5.1	6.6
NE	.5	1.4	2.3	1.4								5.6	8.1
ENE	.5	.9	1.8	.9								4.2	8.0
E	.9	.9	1.2	.5								3.4	6.7
ESE	.4	1.2	.4	.1								2.1	5.2
SE	.4	.3	.6	.3	.1	.1						1.7	8.3
SSE	.3	.7	1.1	.3								2.4	7.4
S	1.0	1.6	1.0	.7								4.2	6.4
SSW	1.2	1.6	.8	.8								3.9	5.7
SW	1.4	2.3	1.7	.7	.1	.1						7.3	6.2
WSW	1.3	3.6	2.9	1.1								9.0	6.6
W	1.9	4.0	4.6	2.7	.3	.1						13.5	8.0
WNW	.3	.9	1.7	4.4	1.1	.1						9.8	11.3
NW	1.6	1.7	3.7	3.6	.8	.6						11.0	9.4
NNW	.7	.9	.8	1.1	.4	.1						4.0	9.4
VARBL													
CALM												8.6	
	16.8	25.8	28.2	19.6	2.8	.9						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.1	.8	.8	.1							2.9	9.0
NNE	.2	.6	.9	.6	.6							2.3	8.7
NE	.3	.5	1.7	1.1	.1							3.7	9.1
ENE	.4	.9	1.3	1.2	.1							3.9	8.6
E	.7	2.3	2.3	.4								5.7	6.6
ESE	.3	2.6	1.4	.3								4.5	6.6
SE	.3	1.9	3.8	1.1	.1	.1						7.3	8.4
SSE	.4	1.9	2.9	1.1								6.2	8.1
S	.7	1.9	1.7	.9	.1							4.9	7.3
SSW	.3	1.1	1.9	1.2	.1							4.8	8.3
SW	.9	2.8	1.9	1.3								6.8	7.3
WSW	.3	2.7	3.2	1.8	.1							8.0	7.9
W	.8	3.2	4.2	3.6	.6							12.4	9.1
WNW	.2	.9	2.2	3.7	.9	.2	.1					8.1	12.0
NW	.4	.8	4.4	4.2	.8	.2						10.8	11.2
NNW	.3	.6	1.3	1.6	.2							3.9	10.1
VARBL													
CALM												3.7	
	7.0	28.0	38.9	26.8	3.4	.8	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 1394

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.5	.6	.5		.1						2.0	8.3
NNE	.6	.6	1.0	.3	.1							2.6	7.1
NE	.3	.6	1.3	.7								2.9	8.1
ENE	.4	1.0	.9	.7	.2							3.2	8.2
E	1.0	1.9	2.3	.3								5.5	6.3
ESE	.8	2.6	1.8	.4								5.2	6.0
SE	.6	4.7	4.8	.7								10.8	6.7
SSE	1.3	4.9	4.4	1.6	.1							12.3	6.9
S	.6	2.0	2.7	1.0	.1							6.4	7.5
SSW	.6	1.6	.9	.5	.1							3.7	6.8
SW	.7	1.7	1.8	.6	.1	.1						5.0	7.1
WSW	.9	1.6	1.8	.3	.1							4.9	6.8
W	1.1	1.9	4.2	2.2	.3							9.7	8.4
WNW	.5	1.8	3.7	2.6	.6	.3						9.1	10.1
NW	.3	2.6	3.7	3.6	.1	.1						10.0	9.3
NNW		.8	.9	1.3	.1							3.2	10.4
VARBL													
CALM												3.4	
	10.0	30.3	36.5	17.3	1.9	.5						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 1393

USAFETAC FORM AM 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	1.2	.3								3.0	6.5
NNE	.3	.9	1.0	.3								2.7	6.8
NE	.9	1.0	1.7	.6	.1							4.4	7.5
ENE	.8	.8	.9	.5	.1							3.1	6.9
E	.4	.8	1.0	.5	.1							2.7	7.5
ESE	.8	.9	.4	.1								2.1	4.3
SE	1.0	2.3	.9	.1								4.5	5.2
SSE	2.3	4.2	1.1	.6	.1							8.2	5.2
S	2.1	4.9	2.0	.1								9.0	5.0
SSW	2.2	2.0	.9	.9								5.9	5.7
SW	2.1	3.0	1.1	.6								6.8	5.4
WSW	1.1	1.9	1.0	.2								4.3	5.5
W	2.4	4.2	2.4	.5	.1							9.7	5.7
WNW	1.1	2.2	2.6	.9	.9	.1						7.2	7.8
NW	1.1	2.3	2.6	.7	.3	.1						7.1	7.3
NNW	.3	1.6	.8	.8	.2							3.7	8.1
VARBL													
CALM												15.6	
	19.6	36.1	21.7	7.6	1.3	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM AUG 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06763	PEASE AFB N H/PORTSMOUTH	56-70	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS) — 2100-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.0	.8	.4								3.9	5.6
NNE	.4	1.1	1.8	.7								4.1	7.0
NE	.8	1.9	1.4	.8	.1							4.6	7.5
ENE	.4	.8	.4	.4	.1							2.0	7.1
E	.1	.4	.4	.4	.1							1.4	8.8
ESE	.1	.3	.1	.1								.9	5.7
SE	.4	.8	.8	.2								2.2	6.0
SSE	.9	1.7	.7	.1								3.4	5.4
S	1.7	1.9	.6	.1								4.4	4.7
SSW	1.4	1.8	.8	.4								4.4	5.3
SW	2.0	3.0	1.0	.0								6.0	5.3
WSW	2.2	3.0	1.2	.6	.1							7.5	5.1
W	3.7	6.8	3.0	.4	.1							14.0	5.3
WNW	1.8	2.7	1.8	1.4	.3							7.7	7.1
NW	2.7	3.1	1.8	.7	.1							8.3	5.7
NNW	1.0	1.3	1.0	.3	.1							2.7	6.3
VARBL													
CALM												18.6	
	21.0	33.4	17.7	7.6	1.0							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 1393

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
04763	PEASE AFB N H/PORTSMOUTH	56-70	NOV

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 0000-0200

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	3.6	2.0	.5	.1							7.0	6.4
NNE	.8	2.3	2.1	.4								5.7	6.6
NE	.9	1.0	1.1	.8	.1							3.3	8.1
ENE	.6	.2	.4	.5	.1							1.9	7.5
E	.8	.7	.7	.7	.1							2.7	7.4
ESE	.2	.1	.1	.3								.8	6.3
SE	.6	.7	.2	.4								1.7	6.8
SSE	.8	1.3	.7	.3	.1							3.0	6.9
S	1.0	1.9	1.0	.1								3.9	5.3
SSW	1.2	1.6	.3	.4								3.5	5.5
SW	1.2	2.3	1.4	.6								6.0	6.0
WSW	1.9	2.0	1.3	.3	.1							6.5	5.2
W	2.6	6.6	3.9	1.6	.1	.1						14.9	6.5
WNW	1.8	6.2	2.9	2.0	.4							11.1	7.2
NW	1.8	3.3	2.7	1.1	.2							9.5	6.8
NNW	1.6	1.8	1.3	.3	.1							4.5	5.7
VARBL													
CALM												13.9	
	17.8	38.3	28.0	13.6	1.3	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1390

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04763 PEASE APB N H/PORTSMOUTH 50-70 NOV

ALL WEATHER 0300-0500

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.8	1.5	.9								6.5	6.3
NNE	.9	1.7	2.9	.7								5.8	7.2
NE	.4	1.8	.6	1.0								3.6	7.2
ENE	.8	.8	1.3	.4	.1							3.1	7.3
E	.4	.4	.4	.8	.2							2.0	9.3
ESE		.2	.2	.1								.6	7.6
SE	.7	.8	.3	.3	.1							1.9	6.8
SSE	.8	1.3	.4	.1	.4	.1						2.7	7.6
S	.8	1.8	1.0	.1								3.2	5.6
SSW	1.1	1.3	.4	.1								3.1	4.8
SW	1.0	2.2	1.4	.8	.1							5.3	6.2
WSW	2.0	3.1	1.4	.2								6.7	5.1
W	3.2	6.0	3.7	1.2	.4							14.5	6.4
WNW	1.6	4.8	2.4	2.2	.1							10.8	7.3
NW	1.7	3.1	1.6	1.6	.1	.2						8.1	7.3
NNW	.7	2.0	1.6	1.1								5.4	7.1
VARBL													
CALM												16.6	
	19.8	33.8	21.0	10.8	1.6	.3						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1390

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

06763	PEASE AFB N H/PORTSMOUTH	56-70	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS) — 0600-0800 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.9	2.2	.8								6.1	6.7
NNE	.6	2.1	2.0	1.0	.1							6.7	7.9
NE	.6	1.0	1.1	.6	.1							3.2	7.7
ENE	.2	1.0	.7	.7	.2	.1						2.9	9.2
E	.2	.7	.9	.3	.2	.1						2.4	9.3
ESE	.1	.4	.1	.1			.1					.9	8.0
SE	.2	.7	.4	.2	.2	.1						1.8	9.1
SSE	.4	.7	.3	.1	.1							1.9	6.7
S	.7	1.4	.6	.2	.1	.1						3.2	6.7
SSW	1.1	1.0	.3	.1								2.3	5.0
SW	1.0	2.1	1.8	.3								5.8	5.7
WSW	1.7	3.1	2.4	.6								7.9	6.0
W	2.3	3.9	3.9	1.3	.1							13.4	6.3
WNW	2.4	3.0	2.3	2.1	.1	.1						10.3	7.2
NW	2.0	3.3	2.4	1.7	.3	.1						10.5	7.2
NNW	1.1	1.6	.9	.4								4.3	5.7
VARBL													
CALM												15.6	
	16.7	30.9	24.0	10.6	1.6	.5	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 1280

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.4	1.7	1.1	.1							6.4	7.1
NNE	.2	2.1	2.3	1.3	.3							7.4	8.4
NE	1.0	1.2	1.6	1.0	.1							4.8	7.3
ENE	.7	.5	1.0	.9	.1	.1						3.4	9.3
E	.5	.7	.6	.4	.3							2.5	8.3
ESE	.4	.4	.7	.4	.2	.1						2.1	9.4
SE	.1	.2	.9	.2	.1	.1						1.6	10.1
SSE	.2	.4	1.0	.1								1.8	7.3
S	.3	1.0	1.3	.4	.1	.1						3.8	8.0
SSW	.7	1.2	1.1	.4								3.5	6.5
SW	.9	2.1	1.9	.4	.1							5.6	6.7
WSW	1.4	2.1	2.8	1.3	.1		.1					7.9	7.5
W	1.8	3.0	3.2	2.7	.3	.1						13.6	8.2
WNW	.8	1.7	2.9	3.4	.8	.1						9.4	10.2
NW	1.3	1.9	3.8	4.0	1.2							12.1	9.8
NNW	1.3	1.7	1.8	.9	.2							5.9	7.1
VARBL													
CALM												8.4	
	18.7	33.9	31.5	19.1	3.9	.6	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 1390

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.4	1.7	1.3								5.1	7.6
NNE	.4	1.5	2.4	1.2	.2							5.7	8.4
NE	.3	1.1	1.9	.8	.1	.1						4.3	8.3
ENE	.4	1.1	1.2	.7	.2	.1						3.7	8.9
E	.6	.7	1.2	.6	.4	.1						3.6	9.1
ESE	.6	1.7	.7	.3								3.3	6.1
SE	.4	1.3	1.4	.1								3.4	6.1
SSE	.6	1.0	2.1	.6	.1	.1						4.3	8.3
S	.4	2.1	1.9	.4								4.7	6.8
SSW	.4	1.1	1.2	.7								3.5	7.7
SW	1.0	1.9	2.2	.7		.1						5.9	7.3
WSW	1.0	3.4	2.8	1.3	.1							8.6	7.4
W	1.1	2.6	4.1	4.1	.6	.1	.1					12.5	9.5
WNW	.7	1.4	3.5	4.8	.8	.1	.1					11.4	10.8
NW	.3	.9	3.6	4.7	1.0	.1						10.6	11.6
NNW	.6	1.0	1.3	1.8	.2	.1						4.6	9.9
VARBL													
CALM												4.8	
	9.0	24.2	33.2	23.8	3.9	1.0	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 1390

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.3	1.6	.3	.1							3.8	7.2
NNE	.4	1.4	1.8	.8								4.4	7.6
NE	.4	1.3	1.1	1.0	.1	.1						4.1	8.7
ENE	.7	.9	.9	.4	.1	.2						3.2	8.2
E	.4	2.1	1.1	.7								4.4	6.9
ESE	1.1	1.7	1.3	.3	.1							4.5	5.8
SE	1.3	2.7	1.4	.1	.1							5.6	5.6
SSE	1.1	2.8	2.1	.4								6.5	6.3
S	1.1	2.0	1.0	.7								4.8	6.0
SSW	.9	1.5	1.0	.4								3.5	6.5
SW	1.1	2.1	1.4	.1	.1	.1						5.0	6.3
WSW	.9	1.3	1.6	.3								4.1	6.5
W	.9	2.9	3.7	3.1	.1							10.7	8.5
WNW	.7	2.9	3.0	4.1	.3	.2						13.4	9.6
NW	.4	1.7	4.4	3.8	.3							10.8	9.9
NNW	.4	.8	1.6	1.7	.1							4.7	9.4
VARBL													
CALM												6.7	
	11.9	29.2	31.2	18.4	1.9	.7						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 1390

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.0	2.1	1.1	.2							6.0	8.0
NNE	.7	2.1	1.5	.3	.1							4.7	6.7
NE	.5	1.3	1.5	.5								3.9	7.0
ENE	.7	1.0	.7	.7	.1							3.1	7.6
E	1.0	.5	.9	.2	.1							2.7	6.0
ESE	.4	.5	.1	.4	.1							1.6	7.5
SE	1.0	.9	.6	.2		.1						2.7	5.8
SSE	1.3	1.8	1.1	.5	.2							4.9	6.5
S	2.5	2.8	1.1	.4								6.8	4.9
SSW	.7	2.3	1.0	.4	.1							4.5	6.5
SW	1.7	1.9	1.0	.3	.1							5.0	5.9
WSW	1.3	1.3	1.0	.7	.1		.1					5.0	7.3
W	2.4	4.3	3.2	1.2	.1							11.1	6.4
WNW	1.4	3.3	4.0	1.5	.1							10.4	7.4
NW	.9	2.6	3.3	2.0	.2							8.8	8.1
NNW	.1	1.7	.9	.9	.2							3.9	8.5
VARBL													
CALM												14.3	
	17.2	30.1	28.0	11.3	1.9	.1	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 1380

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.4	2.1	.6	.1							7.6	6.3
NNE	.9	1.3	1.7	.4	.1							4.4	6.8
NE	.5	1.8	1.1	.7								4.1	7.1
ENE	.3	1.0	.7	.2	.1							2.3	7.5
E	.4	.8	.5	.4								2.2	7.0
ESE	.1	.3		.4	.1							1.0	9.8
SE	.4	.2	.1	.4								1.0	7.1
SSE	.7	1.2	.9	.5	.1							3.4	7.1
S	1.6	2.3	1.5	.2								5.6	5.3
SSW	1.4	1.9	.7	.4								4.4	5.3
SW	1.2	2.1	1.9	.5								6.7	5.8
WSW	1.0	3.5	2.1	.6								7.9	6.2
W	2.4	3.3	2.8	1.0								11.5	5.9
WNW	1.0	3.8	2.9	1.8	.4	.1						9.6	7.8
NW	1.3	3.4	3.4	1.3								9.5	6.9
NNW	.7	2.1	1.0	.7	.2							4.8	7.7
VARBL													
CALM												14.8	
	15.2	38.0	28.5	10.1	1.3	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1390

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.9	2.7	1.3	.1							8.2	7.3
NNE	.1	1.4	2.8	1.9	.2							6.5	9.3
NE	.6	1.1	.9	.6	.1							3.3	7.7
ENE	.1	.6	.3	.4								1.3	8.6
E	.4		.3									.6	5.3
ESE	.1	.1	.1									.3	5.5
SE	.3	.2		.1								.9	4.7
SSE	.1	.9	.3	.2								1.6	6.5
S	.4	.9	.4	.1								1.8	5.9
SSW	.7	.9	.9	.6								3.0	6.0
SW	1.6	2.7	2.6	.3								7.2	6.0
WSW	1.0	3.3	1.4	1.1	.1	.1						7.2	6.7
W	2.3	3.9	3.6	2.6	.8	.1						13.1	7.4
WNW	2.1	4.2	3.3	2.9	.9	.1	.1					13.8	8.5
NW	2.0	3.2	2.3	1.8	.2							9.7	7.2
NNW	1.0	2.2	1.9	.6	.2							5.9	6.8
VARBL													
CALM												13.9	
	16.3	30.8	23.7	14.1	2.7	.3	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 1395

USAPETAC FORM AM 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.4	3.0	1.4	.4							8.1	8.1
NNE	.5	1.8	2.3	2.1	.2							6.9	8.8
NE	.4	.6	1.1	.8	.1	.1						3.2	9.1
ENE		.1	.6	.1	.1							1.0	10.1
E	.2	.1	.4	.3	.1							1.1	8.9
ESE	.3	.2		.2								.7	6.3
SE		.4	.2	.1								.6	7.3
SSE	.2	.1	.4	.2								1.0	6.9
S	.3	.3	.7	.1								1.4	6.7
SSW	.4	1.1	.6	.1								2.4	6.2
SW	1.4	2.0	1.3	.8								5.8	6.1
WSW	1.8	3.5	2.6	1.2	.3							9.4	6.8
W	2.9	6.2	6.4	2.7	.3							16.6	6.9
WNW	1.9	3.2	3.7	2.2	.6	.6						12.0	8.3
NW	2.1	3.9	2.7	1.6	.7	.1						11.0	7.6
NNW	.9	1.8	1.1	.6								4.1	6.3
VARBL													
CALM												14.6	
	14.5	28.1	28.1	14.4	2.8	.6						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1393

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AUG 64

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.0	2.7	1.1	.1							6.3	7.7
NNE	.4	1.4	2.4	2.6	.4							7.2	9.6
NE	.4	.6	.6	.8								2.3	8.5
ENE	.1	.1	.4	.3	.1							.9	10.5
E		.2	.1	.4	.2							.9	11.8
ESE	.1	.2	.2	.4	.1							1.0	9.6
SE	.1	.4	.3	.4	.1	.1						1.4	9.9
SSE	.2	.1	.1	.2								.7	6.3
S	.3	.6	.3	.1	.1							1.8	5.8
SSW	.5	.9	1.0	.1								2.5	6.3
SW	1.0	2.3	1.6	1.1	.1							6.2	7.1
WSW	1.4	4.7	2.0	.9	.1							9.0	6.3
W	4.0	8.3	4.6	2.1	.1							17.1	6.3
WNW	2.6	6.7	2.9	2.2	.7	.1						15.2	7.5
NW	1.8	3.2	2.8	2.6	.6	.2						10.7	8.6
NNW	1.4	2.2	1.3	.8	.1							5.8	6.2
VARBL													
CALM												12.8	
	16.7	30.3	23.6	15.7	3.9	.6						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.0	3.2	1.6	.1	.1						9.1	7.6
NNE	.4	1.6	2.7	1.9	.3	.1						6.7	9.2
NE	.1	.7	1.1	.9	.1							2.9	9.0
ENE		.4	.3		.2							1.1	9.3
E	.2	.1	.3	.6								1.3	9.5
ESE	.1	.1	.2	.3	.1							.9	9.7
SE		.1	.2	.1	.2	.1						.7	14.2
SSE	.1	.6	.2	.6	.1	.1						1.4	10.4
S	.4	.9	.5	.3								2.0	6.5
SSW	.3	1.1	.6	.4								2.6	6.5
SW	1.1	2.3	1.8	1.3	.2							6.7	7.3
WSW	1.6	2.3	1.9	1.1	.4							7.4	7.4
W	2.7	4.2	4.6	3.5	.7	.3						16.0	8.2
WNW	1.4	2.9	3.4	4.2	1.0	.6						13.3	10.1
NW	1.4	2.0	4.7	2.9	1.0	.2						12.3	9.3
NNW	1.4	2.4	2.2	1.0		.1						7.0	7.0
VARBL													
CALM												8.6	
	12.6	28.6	28.1	20.6	4.9	1.6						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.4	2.8	1.6	.1	.1						6.7	8.7
NNE	.1	1.0	2.0	2.0	.2							5.3	9.9
NE	.1	1.2	1.3	1.2	.1	.1						4.0	9.4
ENE	.5	.5	.6	.2	.1	.1						2.1	7.9
E	.1	.4	.2	.1	.2							1.1	8.9
ESE	.0	.0	.1	.1								1.4	4.5
SE	.3	.3	.1	.1	.1	.1						1.0	7.9
SSE	.1	.3	.6	.2	.2							1.7	9.6
S	.3	.6	.7	.6	.1	.1						2.7	7.5
SSW	.0	1.0	1.1	.3								3.4	6.8
SW	.0	1.0	1.0	.7	.1							3.4	7.2
WSW	.9	2.5	1.4	1.4	.4							6.6	8.0
W	1.1	2.9	3.0	4.8	.9	.0						15.3	10.1
WNW	.6	1.3	3.1	3.3	1.0	.7	.3	.1				13.3	12.8
NW	.0	2.1	3.4	4.7	1.7	.3	.1					12.9	11.3
NNW	.9	1.9	1.8	1.9	.3	.1	.1					7.0	8.9
VARBL													
CALM												10.2	
	8.3	20.4	28.2	28.7	6.2	2.2	.8	.1				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

06763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.0	2.2	1.3	.1	.1						6.7	7.8
NNE	.1	1.3	1.2	2.3	.2	.1						5.3	10.2
NE	.3	1.2	1.1	1.2	.1							4.0	8.8
ENE		.3	.4	.3	.1							1.4	9.4
E	.0	.0	.2			.2						1.6	7.6
ESE	.3	.0	.3									1.2	4.6
SE	.7	1.1	.6	.2								2.4	5.4
SSE	1.0	1.7	.8	.1		.1						3.4	5.8
S	1.3	1.9	.7	.3		.1						4.3	5.5
SSW	.8	1.3	.9	.1	.1							3.4	5.8
SW	1.1	1.1	1.9	.8	.1							5.1	7.4
WSW	.9	1.8	1.9	.7	.1	.1						5.3	7.5
W	1.2	2.3	3.2	2.7	.8	.1	.1					10.7	9.4
WNW	.8	2.7	3.9	6.3	1.8	.1						15.3	10.9
NW	.8	2.8	3.9	4.0	.8	.1	.1					12.0	10.2
NNW	1.1	2.0	1.4	1.1	.3	.1	.1					6.1	7.9
VARBL													
CALM												11.6	
	11.8	26.9	30.2	31.6	6.4	1.1	.0					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.3	2.5	1.6	.4							7.7	8.2
NNE	.6	1.5	1.7	2.0	.4	.1						6.2	9.4
NE	.4	1.1	.9	.6	.1							3.1	7.9
ENE	.1	.4	.6	.3	.2							1.6	9.3
E	.2	.6				.1						.9	5.4
ESE	.1	.1	.2		.1							.5	7.9
SE	.1	.7	.4	.2								1.4	7.2
SSE	.2	.6	.5	.1	.1							1.6	6.2
S	2.0	1.4	.4	.8		.1						4.4	5.4
SSW	1.1	1.8	.7	.1								3.5	5.0
SW	1.8	2.8	1.4	.9	.1							6.7	6.4
WSW	1.1	1.9	1.2	.9	.1							5.2	6.8
W	2.4	3.8	3.8	2.7	.4	.1						13.0	7.7
WNW	.9	2.8	4.7	4.4	.8	.4	.1					13.8	10.0
NW	.8	2.7	3.6	2.9	.8	.1						10.5	9.3
NNW	.7	2.2	1.2	.8	.4							4.9	6.7
VARBL													
CALM												15.1	
	18.0	30.6	33.7	17.8	3.1	.9	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 1995

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

06763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.7	2.6	1.5	.1	.1						7.7	7.6
NNE	.4	1.4	3.2	1.6	.2							6.7	9.0
NE	.6	1.2	1.1	.8								3.8	7.5
ENE	.1	.1	.4	.4	.1							1.0	10.0
E	.2	.2	.2									.6	5.2
ESE	.1	.1	.1									.2	5.0
SE	.1	.2	.1		.1							.5	7.0
SSE	.3	.4	.6	.3	.1	.1						1.8	8.6
S	.9	1.2	.6	.1		.1						2.7	5.6
SSW	1.5	1.2	.8	.2								3.7	5.1
SW	1.1	3.0	2.3	.6								7.0	6.4
WSW	1.6	2.9	1.8	.6	.2							7.2	6.3
W	2.4	4.1	4.1	2.3	.2	.1						13.3	7.4
WNW	2.1	3.9	3.8	4.0	.6	.3	.1					14.8	9.0
NW	1.1	2.3	3.0	1.9	.1							8.5	8.1
NNW	1.3	1.7	1.8	.5	.1	.1						5.6	7.0
VARBL													
CALM												14.6	
	14.8	30.8	28.2	14.9	1.8	.8	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 1395

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) ALL (MONTH)

INSTRUMENT (CLASS) ALL (HOURS (L.S.T.))

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE (CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.1	3.3	2.4	.3	.0	.0					10.1	8.4
NNE	.8	2.8	4.3	3.0	.5	.1	.0					11.6	8.9
NE	.9	3.2	4.6	3.4	.7	.2	.0					13.0	9.3
ENE	.7	1.8	2.7	2.1	.6	.2						8.0	9.6
E	.8	2.2	2.4	1.3	.4	.2	.0					7.3	8.6
ESE	.5	1.1	1.1	.7	.1	.0	.0					3.6	7.9
SE	.7	2.0	1.8	.8	.2	.1						5.5	7.5
SSE	.8	1.7	1.5	.8	.1	.0	.0					5.0	7.5
S	1.1	1.7	1.1	.4	.1	.0						4.4	6.1
SSW	.6	1.1	.8	.2	.0							2.8	6.0
SW	.7	1.3	.7	.2		.0		.0				2.9	5.8
WSW	.6	1.1	.3	.1								2.0	5.0
W	.9	1.2	.8	.2	.1	.0						2.9	5.5
WNW	.3	.6	.4	.2	.1	.0	.0	.0				1.8	7.3
NW	.6	1.0	.9	.4	.1	.0						2.9	6.8
NNW	.7	1.5	1.1	.6	.1							4.0	7.1
VARBL													
CALM												12.2	
	11.9	27.6	27.6	16.6	3.9	.9	.1	.0				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 17409

USAFETAC FORM AIR 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.6											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0. For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of $\geq$ 1500 feet with $\geq$ 3 miles, subtracted from 97.4 read from the table at the intersection of $\geq$ 500 feet with $\geq$ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling $\geq$ 500 feet with visibility $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with visibility $\geq$ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04747 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.7	49.6	50.9	51.9	52.8	52.9	53.1	53.2	53.2	53.3	53.3	53.3	53.4	53.4	53.4	53.6
≥ 20000	49.5	53.9	55.4	56.6	57.5	57.7	57.9	58.0	58.0	58.1	58.2	58.2	58.2	58.2	58.3	58.4
≥ 18000	49.6	54.1	55.6	56.8	57.8	57.9	58.1	58.2	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.7
≥ 16000	49.9	54.4	55.9	57.1	58.0	58.2	58.4	58.5	58.6	58.7	58.7	58.7	58.7	58.8	58.8	59.0
≥ 14000	50.5	55.1	56.7	58.0	58.9	59.1	59.3	59.4	59.5	59.6	59.6	59.6	59.6	59.7	59.7	59.9
≥ 12000	51.7	56.4	58.2	59.5	60.5	60.7	60.9	61.0	61.0	61.1	61.2	61.2	61.2	61.2	61.3	61.4
≥ 10000	53.8	59.0	60.8	62.1	63.2	63.4	63.7	63.8	63.8	63.9	64.0	64.0	64.0	64.0	64.1	64.3
≥ 9000	54.4	59.8	61.6	63.0	64.1	64.3	64.6	64.7	64.7	64.8	64.8	64.9	64.9	64.9	65.0	65.1
≥ 8000	56.2	62.0	64.0	65.5	66.7	66.9	67.2	67.3	67.3	67.4	67.5	67.5	67.5	67.6	67.6	67.8
≥ 7000	57.7	63.8	65.9	67.5	68.8	69.0	69.3	69.4	69.4	69.6	69.6	69.6	69.7	69.7	69.8	69.9
≥ 6000	58.8	65.1	67.3	68.9	70.2	70.5	70.8	70.9	71.0	71.1	71.1	71.1	71.2	71.2	71.3	71.4
≥ 5000	60.5	67.2	69.4	71.2	72.6	72.8	73.1	73.2	73.3	73.5	73.5	73.6	73.6	73.6	73.7	73.8
≥ 4500	61.5	68.5	70.8	72.7	74.1	74.3	74.7	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.2	75.4
≥ 4000	62.8	70.0	72.3	74.3	75.8	76.0	76.4	76.5	76.6	76.7	76.8	76.8	76.8	76.9	76.9	77.1
≥ 3500	63.7	71.1	73.6	75.6	77.1	77.4	77.7	77.9	77.9	78.1	78.1	78.1	78.2	78.2	78.3	78.5
≥ 3000	64.9	72.7	75.3	77.4	79.0	79.3	79.7	79.8	79.9	80.0	80.1	80.1	80.2	80.2	80.3	80.4
≥ 2500	65.9	74.0	76.7	79.0	80.7	81.0	81.4	81.6	81.6	81.8	81.8	81.8	81.9	81.9	82.0	82.2
≥ 2000	66.7	75.2	78.0	80.4	82.2	82.5	83.0	83.2	83.3	83.4	83.5	83.5	83.5	83.6	83.6	83.8
≥ 1800	66.9	75.5	78.4	80.8	82.7	83.0	83.5	83.7	83.7	83.9	84.0	84.0	84.1	84.1	84.2	84.3
≥ 1500	67.5	76.4	79.3	81.9	83.9	84.3	84.7	85.0	85.1	85.3	85.3	85.3	85.4	85.4	85.5	85.7
≥ 1200	67.9	77.1	80.1	82.9	85.0	85.4	86.0	86.3	86.4	86.6	86.7	86.7	86.7	86.8	86.8	87.0
≥ 1000	68.1	77.5	80.7	83.6	85.9	86.4	87.0	87.4	87.4	87.7	87.8	87.8	87.9	87.9	88.0	88.2
≥ 900	68.2	77.8	81.0	84.0	86.4	86.8	87.5	87.9	87.9	88.2	88.3	88.4	88.5	88.5	88.6	88.7
≥ 800	68.4	78.1	81.4	84.4	87.1	87.6	88.3	88.7	88.8	89.2	89.3	89.3	89.4	89.5	89.6	89.7
≥ 700	68.5	78.3	81.6	85.0	87.7	88.3	89.1	89.6	89.7	90.1	90.2	90.3	90.4	90.4	90.5	90.7
≥ 600	68.8	78.5	82.1	85.3	88.3	89.1	90.1	90.6	90.7	91.2	91.4	91.5	91.6	91.7	91.7	91.9
≥ 500	68.8	78.7	82.3	86.1	89.3	90.1	91.2	91.9	92.1	92.7	93.0	93.0	93.3	93.3	93.4	93.6
≥ 400	68.8	78.7	82.5	86.4	90.0	90.9	92.2	93.0	93.3	93.9	94.4	94.5	94.8	94.9	95.0	95.2
≥ 300	68.8	78.7	82.5	86.5	90.3	91.4	92.9	94.0	94.4	95.3	95.9	96.0	96.4	96.5	96.7	96.9
≥ 200	68.8	78.7	82.5	86.6	90.4	91.5	93.2	94.4	94.8	95.9	96.7	96.8	97.4	97.7	98.0	98.3
≥ 100	68.8	78.7	82.5	86.6	90.4	91.5	93.2	94.4	94.9	96.1	96.9	97.1	97.8	98.2	98.8	99.4
0	68.8	78.7	82.5	86.6	90.4	91.5	93.2	94.4	94.9	96.1	96.9	97.1	97.9	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 128117

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.4	52.3	53.2	53.7	53.9	54.0	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.3
≥ 20000	52.8	56.2	57.1	57.8	58.1	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.5
≥ 18000	52.9	56.3	57.3	58.0	58.3	58.4	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.7	58.7
≥ 16000	53.1	56.6	57.6	58.3	58.6	58.6	58.7	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	59.0
≥ 14000	53.7	57.2	58.2	59.0	59.3	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.7
≥ 12000	54.9	58.6	59.7	60.5	60.8	60.8	60.9	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.2
≥ 10000	56.8	60.9	62.1	62.9	63.3	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.7	63.7	63.7
≥ 9000	57.8	62.0	63.3	64.2	64.6	64.6	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.0
≥ 8000	59.5	64.0	65.4	66.3	66.8	66.8	67.0	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.3
≥ 7000	61.4	66.2	67.7	68.7	69.2	69.3	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.7	69.7
≥ 6000	62.5	67.5	69.1	70.1	70.6	70.6	70.8	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.1	71.1
≥ 5000	64.0	69.3	71.0	72.2	72.8	72.8	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.3	73.4
≥ 4500	65.2	70.9	72.6	73.9	74.5	74.6	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.1	75.1
≥ 4000	66.0	71.9	73.7	75.1	75.8	75.9	76.1	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.4	76.5
≥ 3500	67.0	73.2	75.0	76.5	77.3	77.4	77.6	77.7	77.7	77.8	77.8	77.8	77.9	77.9	78.0	78.0
≥ 3000	68.0	74.6	76.7	78.2	79.2	79.4	79.6	79.8	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.1
≥ 2500	69.0	76.0	78.2	80.1	81.2	81.4	81.6	82.0	82.0	82.0	82.1	82.1	82.2	82.2	82.2	82.3
≥ 2000	69.8	77.1	79.5	81.6	82.9	83.1	83.3	83.7	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.2
≥ 1800	69.9	77.3	79.8	82.0	83.4	83.6	84.0	84.3	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.7
≥ 1500	70.3	78.0	80.6	83.0	84.5	84.7	85.1	85.7	85.8	85.9	86.0	86.0	86.1	86.1	86.1	86.2
≥ 1200	70.5	78.6	81.3	83.9	85.8	86.1	86.9	87.3	87.4	87.7	87.8	87.8	87.8	87.8	87.9	88.0
≥ 1000	70.8	78.8	81.6	84.3	86.3	86.8	87.7	88.2	88.3	88.8	88.9	88.9	89.1	89.1	89.1	89.2
≥ 900	70.6	78.9	81.7	84.4	86.6	87.1	88.0	88.5	88.6	89.2	89.3	89.3	89.4	89.4	89.5	89.6
≥ 800	70.7	79.0	81.9	84.7	87.0	87.5	88.4	89.1	89.2	89.8	90.0	90.0	90.2	90.2	90.3	90.3
≥ 700	70.7	79.2	82.2	85.1	87.6	88.1	89.1	89.8	90.0	90.7	91.0	91.0	91.3	91.3	91.4	91.4
≥ 600	70.7	79.2	82.3	85.5	88.1	88.7	89.9	90.6	90.9	91.7	92.1	92.1	92.5	92.5	92.6	92.7
≥ 500	70.8	79.3	82.4	85.7	88.4	89.3	90.7	91.5	91.9	92.9	93.3	93.3	94.0	94.1	94.2	94.3
≥ 400	70.8	79.3	82.4	85.8	88.5	89.6	91.2	92.2	92.7	93.8	94.3	94.4	95.3	95.4	95.6	95.8
≥ 300	70.8	79.3	82.5	85.9	89.2	90.0	91.7	93.0	93.5	94.8	95.3	95.9	96.7	97.0	97.3	97.4
≥ 200	70.8	79.3	82.5	85.9	89.2	90.0	91.9	93.2	93.7	95.1	95.6	96.4	97.6	98.0	98.3	98.4
≥ 100	70.8	79.3	82.5	85.9	89.2	90.0	91.9	93.2	93.8	95.3	95.8	96.6	98.0	98.3	99.0	99.3
0	70.8	79.3	82.5	85.9	89.2	90.0	91.9	93.2	93.8	95.4	95.8	96.8	98.0	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 10416

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04742 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — FEB MONTH

ALL HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.6	52.8	53.3	53.9	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4
≥ 20000	54.9	57.3	57.9	58.6	58.8	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.1
≥ 18000	55.1	57.5	58.1	58.7	59.0	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.3
≥ 16000	55.3	57.7	58.3	58.9	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.5
≥ 14000	56.0	58.5	59.1	59.7	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.3
≥ 12000	57.2	59.8	60.5	61.1	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.7
≥ 10000	59.3	62.3	63.0	63.7	64.0	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.3
≥ 9000	59.8	62.9	63.6	64.4	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.0
≥ 8000	61.3	64.6	65.4	66.2	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.9
≥ 7000	63.0	66.7	67.5	68.5	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.2
≥ 6000	63.8	67.8	68.7	69.7	70.1	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.4
≥ 5000	64.9	69.3	70.3	71.4	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.2
≥ 4500	65.9	70.5	71.6	72.7	73.3	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.7
≥ 4000	67.0	71.8	72.9	74.1	74.7	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.1
≥ 3500	67.8	73.0	74.2	75.5	76.1	76.1	76.2	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.5
≥ 3000	69.0	74.4	75.7	77.1	77.8	77.9	78.0	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.3
≥ 2500	70.2	76.0	77.3	78.9	79.8	79.9	80.0	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.4
≥ 2000	71.8	77.7	79.2	80.9	82.0	82.1	82.2	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.8
≥ 1800	72.0	78.3	79.9	81.7	82.8	82.9	83.1	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.6
≥ 1500	72.8	79.1	80.9	82.8	84.2	84.3	84.4	84.7	84.9	85.0	85.1	85.2	85.2	85.2	85.3	85.4
≥ 1200	72.8	79.7	81.5	83.5	85.1	85.3	85.7	86.1	86.3	86.5	86.6	86.6	86.7	86.7	86.7	86.8
≥ 1000	72.9	79.9	81.9	84.1	85.9	86.2	86.6	87.2	87.3	87.5	87.9	88.1	88.2	88.2	88.2	88.3
≥ 900	73.0	80.1	82.0	84.4	86.2	86.6	87.2	87.8	88.0	88.3	88.6	88.7	88.8	88.8	88.8	88.9
≥ 800	73.0	80.2	82.2	84.7	86.7	87.2	87.8	88.3	88.8	89.2	89.6	89.6	89.8	89.8	89.8	90.0
≥ 700	73.0	80.5	82.5	85.0	87.1	87.6	88.4	89.1	89.4	90.0	90.3	90.4	90.6	90.6	90.7	90.9
≥ 600	73.0	80.6	82.6	85.2	87.3	88.1	88.9	89.8	90.1	90.9	91.3	91.4	91.7	91.8	91.9	92.0
≥ 500	73.0	80.7	82.8	85.3	88.1	88.6	89.7	90.7	91.1	92.2	92.8	93.0	93.4	93.5	93.7	93.8
≥ 400	73.0	80.7	82.8	85.4	88.4	89.0	90.2	91.3	91.8	93.0	93.8	94.0	94.6	94.7	94.9	95.0
≥ 300	73.0	80.7	82.8	85.7	88.5	89.3	90.8	92.1	92.6	94.1	95.1	95.3	96.1	96.3	96.6	96.8
≥ 250	73.0	80.7	82.9	85.7	88.6	89.4	91.0	92.3	92.9	94.5	95.7	96.0	97.0	97.4	97.9	98.3
≥ 100	73.0	80.7	82.9	85.7	88.6	89.4	91.0	92.4	92.9	94.6	95.8	96.2	97.3	97.8	98.7	99.3
≥ 0	73.0	80.7	82.9	85.7	88.6	89.4	91.0	92.4	92.9	94.6	95.8	96.2	97.3	97.9	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 9480

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.1	49.1	49.7	50.2	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8
≥ 20000	50.6	52.8	53.5	54.0	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000	50.8	53.0	53.7	54.3	54.7	54.7	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	55.0
≥ 16000	51.0	53.2	53.9	54.5	54.9	55.0	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2
≥ 14000	51.4	53.7	54.4	55.0	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7
≥ 12000	52.4	54.7	55.4	56.0	56.3	56.3	56.4	56.4	56.4	56.4	56.7	56.7	56.7	56.7	56.7	56.8
≥ 10000	54.4	57.0	57.8	58.4	58.9	59.0	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 9000	55.1	57.8	58.6	59.2	59.7	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0
≥ 8000	56.8	59.8	60.6	61.3	61.8	61.9	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.2
≥ 7000	58.2	61.3	62.3	63.3	63.8	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.2
≥ 6000	59.5	62.9	63.9	64.8	65.3	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.7	65.7
≥ 5000	61.7	65.4	66.4	67.4	67.9	68.0	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.4
≥ 4500	63.8	67.8	68.9	69.9	70.5	70.6	70.7	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	71.0
≥ 4000	65.8	69.9	71.0	72.1	72.7	72.8	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2
≥ 3500	67.2	71.6	72.8	74.0	74.6	74.7	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.1
≥ 3000	69.1	73.8	75.0	76.3	77.1	77.2	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.6	77.6
≥ 2500	70.3	75.4	76.7	78.2	79.1	79.2	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.7
≥ 2000	71.1	76.6	78.2	79.9	80.9	81.1	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.6
≥ 1800	71.8	77.2	78.7	80.6	81.6	81.7	81.9	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.4
≥ 1500	72.2	78.3	80.0	81.9	83.1	83.2	83.4	83.7	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.1
≥ 1200	72.4	78.8	80.7	82.9	84.2	84.3	84.5	84.8	85.0	85.1	85.2	85.3	85.4	85.4	85.4	85.5
≥ 1000	72.8	79.2	81.2	83.5	85.1	85.2	85.4	86.0	86.1	86.2	86.4	86.5	86.6	86.6	86.6	86.7
≥ 900	72.7	79.4	81.5	83.8	85.4	85.7	86.2	86.8	86.8	86.9	87.1	87.1	87.2	87.2	87.2	87.2
≥ 800	72.8	79.7	81.9	84.4	86.2	86.3	87.1	87.5	87.6	88.0	88.2	88.2	88.4	88.4	88.4	88.5
≥ 700	72.8	79.9	82.2	84.9	86.9	87.3	87.9	88.4	88.5	89.1	89.3	89.4	89.5	89.5	89.6	89.6
≥ 600	72.9	80.1	82.5	85.3	87.3	88.0	88.7	89.2	89.4	89.9	90.2	90.2	90.2	90.3	90.4	90.4
≥ 500	72.9	80.2	82.7	85.9	88.2	89.0	90.0	90.7	91.0	91.9	92.4	92.5	92.8	92.9	93.0	93.0
≥ 400	72.9	80.2	82.8	86.0	88.3	89.2	90.3	91.0	91.3	92.2	92.8	93.1	93.4	93.5	93.6	93.6
≥ 300	72.9	80.2	82.8	86.2	89.2	90.1	91.5	92.6	93.0	94.7	95.8	96.0	96.4	96.5	96.6	96.6
≥ 200	72.9	80.2	82.8	86.2	89.2	90.2	91.7	92.9	93.4	95.2	96.6	96.8	97.2	97.3	97.4	97.4
≥ 100	72.9	80.2	82.8	86.2	89.2	90.2	91.7	92.9	93.4	95.2	96.6	96.9	98.0	98.3	98.4	98.4
0	72.9	80.2	82.8	86.2	89.2	90.2	91.7	92.9	93.4	95.2	96.7	96.9	98.0	98.3	98.4	98.5

TOTAL NUMBER OF OBSERVATIONS 10414

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04742 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.0	48.3	48.9	49.2	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5
≥ 20000	49.5	52.5	53.2	53.6	53.7	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	54.0
≥ 18000	49.7	52.7	53.4	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.2
≥ 16000	50.0	52.9	53.6	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.5
≥ 14000	50.7	53.6	54.4	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.2
≥ 12000	51.9	54.9	55.6	56.0	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4
≥ 10000	54.3	57.5	58.3	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.2
≥ 9000	55.0	58.3	59.1	59.6	59.7	59.8	59.8	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0
≥ 8000	57.6	61.4	62.3	62.8	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3
≥ 7000	59.4	63.3	64.3	64.9	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.4	65.4
≥ 6000	60.7	64.8	65.8	66.4	66.6	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	67.0	67.0
≥ 5000	63.8	68.4	69.5	70.3	70.5	70.6	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.9
≥ 4500	65.4	70.4	71.7	72.5	72.7	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.2
≥ 4000	67.0	72.2	73.6	74.3	74.5	74.6	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.0
≥ 3500	68.3	73.6	75.0	75.8	76.1	76.2	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.6	76.7
≥ 3000	69.4	75.0	76.5	77.4	77.7	77.8	77.9	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.3
≥ 2500	70.5	76.4	77.9	79.0	79.4	79.5	79.6	79.7	79.7	79.7	79.8	79.8	79.9	79.9	79.9	80.0
≥ 2000	71.3	77.6	79.2	80.4	80.9	81.0	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.4	81.5
≥ 1800	71.9	78.0	79.7	80.9	81.4	81.5	81.6	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.9	81.9
≥ 1500	72.2	78.0	80.0	81.2	81.8	82.0	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1200	73.0	80.2	82.4	83.7	84.3	84.5	84.7	84.8	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.1
≥ 1000	73.7	81.4	83.6	85.0	85.8	86.0	86.2	86.3	86.4	86.5	86.5	86.6	86.6	86.6	86.7	86.7
≥ 900	73.9	81.8	84.0	85.6	86.4	86.6	86.9	87.0	87.0	87.2	87.2	87.2	87.3	87.3	87.3	87.4
≥ 800	74.2	82.3	84.7	86.4	87.4	87.6	87.9	88.1	88.1	88.3	88.4	88.4	88.5	88.5	88.5	88.6
≥ 700	74.5	82.7	85.3	87.3	88.5	88.8	89.2	89.5	89.5	89.7	89.8	89.8	90.0	90.0	90.0	90.1
≥ 600	74.6	83.0	85.8	88.1	89.9	90.3	90.7	91.2	91.4	91.7	91.8	91.8	92.0	92.0	92.1	92.2
≥ 500	74.8	83.2	86.2	88.8	91.0	91.6	92.0	92.5	92.8	93.1	93.3	93.7	93.7	94.0	94.0	94.1
≥ 400	74.8	83.3	86.4	89.3	91.8	92.6	93.2	93.9	94.4	95.1	95.4	95.4	95.7	95.7	95.8	95.9
≥ 300	74.8	83.3	86.5	89.5	92.2	93.2	94.0	94.8	95.6	96.4	97.0	97.0	97.4	97.3	97.6	97.7
≥ 200	74.8	83.3	86.5	89.5	92.3	93.4	94.4	95.3	96.2	97.2	97.7	97.7	97.8	98.3	98.4	98.5
≥ 100	74.8	83.3	86.5	89.5	92.3	93.4	94.5	95.4	96.3	97.3	97.9	98.0	98.4	98.9	99.3	99.7
0	74.8	83.3	86.5	89.5	92.3	93.4	94.5	95.4	96.3	97.3	97.9	98.0	98.4	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 10408

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 58-70 YEARS — MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.9	51.0	51.6	52.1	52.4	52.4	52.5	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.9	53.0
≥ 20000	53.1	54.6	57.3	57.9	58.3	58.4	58.5	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.9	59.0
≥ 18000	53.4	56.9	57.7	58.3	58.6	58.7	58.8	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.2	59.3
≥ 16000	53.6	57.1	57.9	58.5	58.9	58.9	59.0	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.4	59.5
≥ 14000	54.4	58.0	58.7	59.4	59.7	59.8	59.9	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.3	60.4
≥ 12000	55.8	58.4	60.2	60.9	61.3	61.3	61.4	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.8	61.9
≥ 10000	58.3	62.2	63.1	63.8	64.2	64.3	64.4	64.4	64.5	64.6	64.7	64.7	64.7	64.7	64.8	64.9
≥ 9000	58.2	63.3	64.3	65.0	65.4	65.5	65.6	65.7	65.7	65.8	65.9	65.9	65.9	65.9	66.0	66.1
≥ 8000	62.0	66.4	67.5	68.3	68.8	68.8	69.0	69.0	69.1	69.2	69.2	69.2	69.3	69.3	69.4	69.5
≥ 7000	64.0	68.6	69.8	70.7	71.1	71.2	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.7	71.7	71.8
≥ 6000	65.4	70.2	71.3	72.2	72.7	72.8	73.0	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.4	73.5
≥ 5000	67.7	72.8	74.2	75.3	75.8	75.9	76.0	76.1	76.2	76.3	76.4	76.4	76.4	76.4	76.5	76.6
≥ 4500	68.8	74.1	75.4	76.6	77.2	77.3	77.5	77.5	77.6	77.8	77.8	77.8	77.8	77.8	77.9	78.0
≥ 4000	70.1	75.8	77.2	78.4	79.1	79.2	79.3	79.4	79.4	79.6	79.6	79.6	79.7	79.7	79.8	79.9
≥ 3500	70.9	76.8	78.2	79.6	80.3	80.4	80.5	80.6	80.6	80.8	80.8	80.9	80.9	80.9	81.0	81.1
≥ 3000	71.8	77.9	79.4	80.9	81.6	81.7	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.3	82.4	82.5
≥ 2500	72.4	78.7	80.3	81.9	82.7	82.8	83.0	83.0	83.1	83.3	83.3	83.3	83.3	83.3	83.4	83.5
≥ 2000	73.0	79.3	81.2	82.8	83.7	83.8	84.0	84.1	84.1	84.3	84.3	84.3	84.4	84.4	84.5	84.6
≥ 1800	73.1	79.7	81.4	83.0	83.9	84.1	84.2	84.4	84.4	84.6	84.6	84.6	84.6	84.7	84.7	84.8
≥ 1500	73.8	80.4	82.1	83.9	84.9	85.0	85.2	85.4	85.4	85.7	85.7	85.7	85.7	85.8	85.8	85.9
≥ 1200	73.9	81.1	83.9	85.0	86.1	86.3	86.5	86.6	86.7	86.9	86.9	87.0	87.0	87.0	87.1	87.2
≥ 1000	74.3	81.9	83.8	86.0	87.2	87.3	87.6	87.9	88.0	88.2	88.3	88.3	88.3	88.3	88.4	88.5
≥ 900	74.8	82.2	84.2	86.4	87.7	88.0	88.3	88.4	88.5	88.7	88.8	88.8	88.8	88.8	88.9	89.0
≥ 800	74.7	82.3	84.3	86.5	88.0	88.4	88.6	88.8	89.1	89.3	89.4	89.4	89.4	89.7	89.7	89.8
≥ 700	74.8	82.7	84.8	87.3	88.9	89.2	89.6	89.8	89.9	90.2	90.2	90.2	90.3	90.3	90.4	90.5
≥ 600	74.9	82.9	85.0	87.7	89.4	90.1	90.6	90.8	90.9	91.2	91.2	91.2	91.3	91.3	91.4	91.5
≥ 500	74.9	83.2	85.3	88.0	90.7	91.5	92.1	92.4	92.5	92.9	93.0	93.0	93.0	93.1	93.2	93.3
≥ 400	75.0	83.3	85.7	89.1	91.6	92.6	93.4	93.6	93.8	94.3	94.7	94.7	94.8	94.9	95.0	95.1
≥ 300	75.0	83.6	86.0	89.3	92.2	93.1	94.1	94.5	94.8	95.3	96.0	96.1	96.3	96.4	96.5	96.7
≥ 200	75.0	83.6	86.1	89.5	92.5	93.5	94.5	94.9	95.2	95.8	96.6	97.1	97.4	97.4	97.5	97.7
≥ 100	75.0	83.6	86.2	89.6	92.8	93.8	94.8	95.2	95.5	96.1	96.9	97.4	97.8	98.1	98.3	98.6
≥ 0	75.0	83.6	86.2	89.6	92.8	93.8	94.8	95.2	95.5	96.1	96.9	97.4	97.8	98.1	98.3	99.0

TOTAL NUMBER OF OBSERVATIONS 11180

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04742 PEASE AFB N H/PORTSMOUTH 50-70 YEARS JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	44.0	49.5	51.4	52.7	53.8	54.0	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.5	54.6
	48.4	54.7	56.9	58.4	59.8	60.0	60.2	60.3	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.6
≥ 18000 ≥ 16000	48.5	54.8	57.1	58.6	60.0	60.3	60.5	60.5	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.9
	48.7	55.1	57.3	58.9	60.4	60.6	60.8	60.9	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.2
≥ 14000 ≥ 12000	49.4	56.0	58.3	59.9	61.4	61.6	61.8	61.9	61.9	62.0	62.1	62.1	62.1	62.1	62.2	62.3
	50.8	57.6	60.0	61.6	63.2	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.0	64.0	64.0	64.1
≥ 10000 ≥ 9000	52.9	60.1	62.8	64.5	66.2	66.4	66.6	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.1
	53.5	60.8	63.5	65.3	67.0	67.3	67.5	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.9	68.0
≥ 8000 ≥ 7000	55.0	62.9	65.7	67.7	69.4	69.7	70.0	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.4	70.5
	56.4	64.6	67.6	69.8	71.6	71.9	72.1	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.6	72.7
≥ 6000 ≥ 5000	57.5	65.9	68.9	71.2	73.1	73.4	73.6	73.8	73.8	73.9	74.0	74.0	74.0	74.0	74.1	74.2
	58.1	66.8	69.9	72.3	74.3	74.7	74.9	75.1	75.1	75.2	75.3	75.4	75.4	75.4	75.4	75.5
≥ 4500 ≥ 4000	59.9	68.8	72.0	74.4	76.4	76.7	77.0	77.1	77.2	77.3	77.4	77.4	77.4	77.5	77.6	
	61.1	70.4	73.6	76.1	78.2	78.5	78.8	79.0	79.0	79.2	79.3	79.3	79.3	79.3	79.4	79.5
≥ 3500 ≥ 3000	61.8	71.3	74.7	77.2	79.3	79.6	80.0	80.1	80.2	80.3	80.4	80.4	80.5	80.5	80.5	80.6
	62.7	72.3	75.8	78.4	80.5	81.2	81.5	81.7	81.7	81.9	82.0	82.0	82.0	82.0	82.1	82.2
≥ 2500 ≥ 2000	63.2	73.3	76.9	79.6	81.8	82.2	82.6	82.9	82.9	83.1	83.1	83.2	83.2	83.2	83.3	83.4
	63.7	74.0	77.8	80.6	82.8	83.2	83.6	83.8	83.8	84.0	84.1	84.2	84.2	84.2	84.3	84.4
≥ 1800 ≥ 1500	63.8	74.2	77.8	80.6	83.1	83.5	83.9	84.2	84.2	84.4	84.4	84.5	84.5	84.5	84.6	84.7
	64.2	74.9	78.6	81.6	84.1	84.5	84.9	85.2	85.2	85.4	85.5	85.6	85.6	85.6	85.7	85.8
≥ 1200 ≥ 1000	64.6	75.6	79.3	82.6	85.2	85.7	86.2	86.5	86.5	86.7	86.8	86.9	86.9	86.9	87.0	87.1
	64.9	76.1	80.1	83.4	86.1	86.6	87.2	87.5	87.5	87.7	87.8	87.9	87.9	87.9	88.0	88.1
≥ 900 ≥ 800	65.2	76.5	80.6	84.0	86.8	87.3	87.9	88.2	88.2	88.5	88.6	88.6	88.7	88.7	88.7	88.9
	65.4	76.9	81.1	84.5	87.3	87.8	88.4	88.7	88.7	88.9	89.1	89.2	89.2	89.2	89.3	89.5
≥ 700 ≥ 600	65.6	77.3	81.7	85.3	88.0	88.6	89.1	89.5	89.5	89.8	90.0	90.1	90.1	90.1	90.2	90.4
	65.7	77.6	82.1	85.8	88.6	89.2	89.8	90.2	90.2	90.5	90.7	90.8	90.8	90.8	90.9	91.0
≥ 500 ≥ 400	65.8	77.8	82.2	86.0	88.9	89.5	90.1	90.5	90.5	90.8	91.0	91.1	91.1	91.1	91.2	91.3
	65.8	77.9	82.4	86.2	89.1	89.8	90.4	90.8	90.8	91.1	91.3	91.4	91.4	91.4	91.5	91.6
≥ 300 ≥ 200	65.9	77.9	82.5	86.4	89.3	90.0	90.7	91.1	91.1	91.4	91.6	91.7	91.7	91.7	91.8	91.9
	65.9	77.9	82.6	86.5	89.5	90.2	90.9	91.3	91.3	91.6	91.8	91.9	91.9	91.9	92.0	92.1
≥ 100 0	65.9	77.9	82.6	86.5	89.5	90.2	90.9	91.3	91.3	91.6	91.8	91.9	91.9	91.9	92.0	92.1
	65.9	77.9	82.6	86.5	89.5	90.2	90.9	91.3	91.3	91.6	91.8	91.9	91.9	91.9	92.0	92.1

TOTAL NUMBER OF OBSERVATIONS 10880

USAF ETAC FORM AWS 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04742 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.2	47.4	49.7	52.0	53.8	54.3	54.7	55.0	55.1	55.2	55.3	55.3	55.3	55.4	55.4	55.5
≥ 20000	48.8	53.2	56.2	58.9	61.3	61.8	62.4	62.7	62.8	62.9	63.0	63.0	63.1	63.1	63.2	63.2
≥ 18000	46.0	53.5	56.4	59.2	61.6	62.1	62.8	63.0	63.1	63.2	63.3	63.3	63.4	63.4	63.5	63.6
≥ 16000	46.2	53.8	56.7	59.5	62.0	62.5	63.1	63.5	63.5	63.6	63.7	63.7	63.8	63.8	63.9	64.0
≥ 14000	46.9	54.6	57.6	60.5	63.0	63.6	64.2	64.5	64.6	64.7	64.8	64.8	64.9	64.9	65.0	65.1
≥ 12000	48.3	56.6	59.7	62.8	65.5	66.0	66.7	67.0	67.1	67.2	67.3	67.3	67.4	67.4	67.5	67.5
≥ 10000	50.1	59.1	62.5	65.7	68.6	69.2	69.9	70.2	70.3	70.4	70.5	70.5	70.6	70.6	70.7	70.8
≥ 9000	50.5	59.6	63.1	66.4	69.3	69.8	70.6	70.9	71.0	71.1	71.2	71.2	71.3	71.3	71.4	71.5
≥ 8000	52.1	62.0	65.8	69.4	72.4	73.0	73.8	74.2	74.2	74.4	74.5	74.5	74.6	74.6	74.7	74.7
≥ 7000	53.3	63.5	67.3	71.1	74.2	74.9	75.8	76.1	76.2	76.3	76.3	76.3	76.4	76.4	76.5	76.5
≥ 6000	53.9	64.4	68.3	72.2	75.5	76.2	77.1	77.4	77.5	77.7	77.8	77.8	77.9	77.9	78.0	78.1
≥ 5000	54.7	65.6	69.7	73.8	77.1	77.8	78.8	79.1	79.2	79.4	79.5	79.5	79.6	79.7	79.7	79.8
≥ 4500	55.3	66.3	70.4	74.6	78.0	78.8	79.7	80.1	80.2	80.3	80.5	80.5	80.6	80.6	80.7	80.8
≥ 4000	56.0	67.0	71.0	75.1	79.2	80.0	81.0	81.5	81.8	81.9	82.1	82.2	82.2	82.3	82.4	82.5
≥ 3500	56.7	68.0	72.3	76.6	80.3	81.0	82.0	82.4	82.5	82.7	82.8	82.9	82.9	83.0	83.0	83.1
≥ 3000	57.8	69.4	73.9	78.4	82.0	82.8	83.9	84.2	84.3	84.5	84.7	84.7	84.8	84.8	84.9	85.0
≥ 2500	58.2	70.1	74.6	79.2	83.0	83.7	84.8	85.2	85.3	85.5	85.7	85.7	85.8	85.8	85.9	86.0
≥ 2000	58.5	70.6	75.3	79.9	83.7	84.5	85.6	86.1	86.2	86.4	86.5	86.5	86.6	86.7	86.8	86.8
≥ 1800	58.7	70.8	75.5	80.2	84.0	84.8	85.9	86.3	86.4	86.7	86.8	86.8	86.9	87.0	87.0	87.1
≥ 1500	59.1	71.3	76.1	80.8	84.7	85.5	86.6	87.1	87.2	87.4	87.6	87.6	87.7	87.7	87.8	87.9
≥ 1200	59.5	72.0	76.9	81.7	85.6	86.5	87.6	88.1	88.2	88.5	88.7	88.7	88.8	88.8	88.9	89.0
≥ 1000	59.8	72.3	77.4	82.3	86.4	87.3	88.5	89.0	89.1	89.4	89.5	89.5	89.6	89.7	89.8	89.8
≥ 900	59.8	72.6	77.6	82.6	86.7	87.6	88.7	89.3	89.4	89.6	89.8	89.8	89.9	90.0	90.0	90.1
≥ 800	59.9	72.8	78.0	83.1	87.4	88.3	89.5	90.0	90.1	90.4	90.4	90.4	90.5	90.7	90.8	90.9
≥ 700	60.0	73.0	78.2	83.4	87.8	88.8	90.0	90.6	90.7	91.1	91.3	91.3	91.4	91.4	91.5	91.6
≥ 600	60.0	73.1	78.3	83.8	88.4	89.3	90.6	91.3	91.5	92.0	92.1	92.1	92.2	92.3	92.3	92.4
≥ 500	60.0	73.2	78.7	84.4	89.1	90.2	91.6	92.3	92.6	93.2	93.4	93.4	93.5	93.6	93.6	93.7
≥ 400	60.1	73.3	78.8	84.7	89.7	90.9	92.4	93.4	93.6	94.4	94.6	94.6	94.7	94.8	94.9	95.0
≥ 300	60.1	73.3	79.0	84.9	90.1	91.3	92.9	94.2	94.6	95.5	95.9	95.9	96.2	96.2	96.4	96.6
≥ 200	60.1	73.3	79.0	84.9	90.2	91.5	93.2	94.7	95.0	96.1	96.7	96.8	97.2	97.3	97.5	97.7
≥ 100	60.1	73.3	79.0	84.9	90.2	91.5	93.3	94.7	95.1	96.3	97.0	97.1	97.7	97.9	98.1	99.1
0	60.1	73.3	79.0	84.9	90.2	91.5	93.3	94.7	95.1	96.3	97.0	97.1	97.7	97.9	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 11160

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 58-70 YEARS — AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.2	51.3	54.3	57.0	58.6	59.0	59.3	59.4	59.4	59.5	59.6	59.6	59.6	59.6	59.7	59.7
≥ 20000	47.5	55.4	58.6	61.6	63.5	64.0	64.3	64.5	64.5	64.7	64.7	64.5	64.8	64.8	64.9	65.0
≥ 18000	47.7	55.7	58.9	61.9	63.8	64.3	64.7	64.8	64.9	65.0	65.1	65.1	65.1	65.1	65.2	65.3
≥ 16000	47.9	56.0	59.2	62.3	64.2	64.7	65.1	65.2	65.3	65.4	65.5	65.5	65.5	65.6	65.6	65.7
≥ 14000	48.8	57.1	60.5	63.6	65.6	66.0	66.4	66.6	66.7	66.8	66.9	66.9	66.9	66.9	67.0	67.1
≥ 12000	49.8	58.7	62.4	65.8	67.7	68.3	68.6	68.8	68.8	69.1	69.1	69.1	69.2	69.2	69.3	69.4
≥ 10000	51.8	61.2	65.1	68.4	70.8	71.2	71.7	71.9	72.0	72.2	72.3	72.3	72.3	72.3	72.4	72.5
≥ 9000	52.3	62.0	66.9	69.3	71.7	72.2	72.7	72.9	73.0	73.2	73.3	73.3	73.3	73.3	73.4	73.5
≥ 8000	53.8	64.1	68.3	72.1	74.6	75.2	75.7	75.9	76.0	76.2	76.3	76.3	76.4	76.4	76.5	76.6
≥ 7000	54.9	65.3	69.9	73.7	76.3	76.9	77.4	77.7	77.7	77.9	78.1	78.1	78.1	78.2	78.2	78.4
≥ 6000	55.5	66.5	70.9	74.9	77.5	78.1	78.6	78.9	79.0	79.2	79.3	79.3	79.4	79.4	79.5	79.6
≥ 5000	56.4	67.8	72.1	76.1	78.9	79.4	80.1	80.3	80.4	80.6	80.7	80.8	80.8	80.8	80.9	81.0
≥ 4500	56.9	68.3	72.8	77.0	79.7	80.3	80.9	81.2	81.3	81.5	81.6	81.6	81.7	81.7	81.8	81.9
≥ 4000	57.9	68.7	74.4	78.6	81.5	82.2	82.8	83.1	83.2	83.4	83.5	83.4	83.6	83.6	83.7	83.9
≥ 3500	58.9	70.5	75.2	79.5	82.4	83.0	83.7	84.0	84.1	84.4	84.5	84.5	84.6	84.6	84.7	84.8
≥ 3000	59.3	71.3	76.3	80.7	83.7	84.3	85.0	85.3	85.4	85.7	85.8	85.8	85.9	85.9	85.9	86.1
≥ 2500	59.9	72.5	77.4	81.9	84.9	85.6	86.3	86.6	86.7	87.0	87.1	87.1	87.2	87.2	87.3	87.4
≥ 2000	60.3	73.1	78.0	82.6	85.7	86.4	87.1	87.3	87.4	87.8	88.0	88.0	88.0	88.0	88.1	88.3
≥ 1800	60.4	73.4	78.3	82.9	86.1	86.8	87.5	87.9	88.0	88.2	88.4	88.4	88.4	88.4	88.5	88.7
≥ 1500	60.7	73.9	79.0	83.7	87.0	87.7	88.5	88.9	89.0	89.3	89.4	89.4	89.5	89.5	89.6	89.7
≥ 1200	60.9	74.3	79.4	84.3	87.6	88.4	89.3	89.6	89.7	90.0	90.1	90.1	90.2	90.2	90.3	90.4
≥ 1000	61.0	74.5	79.6	84.6	88.0	88.8	89.7	90.1	90.2	90.5	90.6	90.7	90.7	90.7	90.8	90.9
≥ 900	61.0	74.6	79.7	84.7	88.2	89.0	90.0	90.3	90.4	90.8	90.9	90.9	91.0	91.0	91.1	91.2
≥ 800	61.0	74.7	80.0	85.1	88.7	89.6	90.6	90.9	91.0	91.3	91.4	91.5	91.5	91.4	91.4	91.5
≥ 700	61.1	74.9	80.2	85.4	89.2	90.0	91.0	91.4	91.6	91.9	92.1	92.1	92.2	92.2	92.3	92.4
≥ 600	61.2	75.0	80.4	85.7	89.7	90.5	91.7	92.1	92.3	92.7	92.8	92.9	93.0	93.0	93.1	93.2
≥ 500	61.2	75.2	80.7	86.2	90.3	91.3	92.6	93.1	93.3	93.8	94.0	94.1	94.2	94.2	94.3	94.5
≥ 400	61.2	75.3	80.8	86.4	90.8	91.8	93.2	93.8	94.1	94.6	94.9	95.2	95.4	95.4	95.5	95.7
≥ 300	61.2	75.3	80.8	86.5	91.0	92.1	93.7	94.5	94.8	95.4	95.6	96.3	96.4	96.6	96.7	96.9
≥ 200	61.2	75.3	80.8	86.5	91.1	92.2	94.0	94.8	95.1	95.8	96.0	96.8	97.0	97.2	97.3	97.5
≥ 100	61.2	75.3	80.8	86.5	91.1	92.2	94.0	94.8	95.2	95.9	96.2	97.1	97.4	97.6	98.2	98.3
0	61.2	75.3	80.8	86.5	91.1	92.2	94.0	94.8	95.2	95.9	96.2	97.1	97.4	97.6	98.2	98.4

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04763 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 50-70 YEARS — SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.2	50.5	52.4	53.9	55.1	55.3	55.6	55.8	55.8	56.0	56.1	56.1	56.2	56.2	56.4	56.6
≥ 20000	48.8	54.7	56.7	58.4	59.7	59.9	60.2	60.4	60.4	60.6	60.7	60.7	60.8	60.9	61.0	61.3
≥ 18000	49.0	54.9	57.0	58.7	60.0	60.2	60.5	60.7	60.7	60.9	61.0	61.0	61.1	61.1	61.3	61.6
≥ 16000	49.1	55.1	57.2	58.9	60.2	60.4	60.7	60.9	60.9	61.1	61.2	61.2	61.3	61.4	61.5	61.8
≥ 14000	49.6	55.8	57.9	59.7	61.1	61.3	61.6	61.8	61.8	62.0	62.1	62.1	62.2	62.2	62.4	62.7
≥ 12000	50.6	56.9	59.1	60.9	62.3	62.5	62.8	63.0	63.1	63.3	63.3	63.3	63.4	63.5	63.7	63.9
≥ 10000	52.5	59.4	61.6	63.6	65.1	65.3	65.7	65.9	65.9	66.1	66.2	66.2	66.3	66.3	66.5	66.8
≥ 9000	53.0	60.1	62.4	64.4	65.9	66.1	66.5	66.7	66.7	66.8	67.0	67.0	67.1	67.1	67.3	67.6
≥ 8000	55.0	62.4	64.9	67.0	68.6	68.8	69.2	69.4	69.5	69.7	69.7	69.7	69.8	69.9	70.1	70.3
≥ 7000	56.2	64.0	66.7	68.8	70.4	70.6	71.0	71.2	71.3	71.5	71.5	71.5	71.6	71.7	71.9	72.1
≥ 6000	56.9	64.9	67.6	69.8	71.5	71.7	72.1	72.4	72.4	72.6	72.7	72.7	72.8	72.8	73.0	73.3
≥ 5000	58.3	67.0	69.8	72.0	73.8	74.0	74.4	74.6	74.7	74.8	75.0	75.0	75.1	75.1	75.3	75.6
≥ 4500	59.3	67.9	70.7	73.1	74.9	75.1	75.5	75.8	75.8	76.0	76.1	76.1	76.2	76.2	76.4	76.7
≥ 4000	60.6	69.5	72.5	75.0	76.9	77.1	77.5	77.8	77.8	78.0	78.1	78.1	78.2	78.2	78.4	78.7
≥ 3500	61.3	70.4	73.5	76.0	77.9	78.2	78.6	78.8	78.9	79.1	79.1	79.2	79.3	79.3	79.5	79.8
≥ 3000	62.4	72.0	75.2	77.8	79.8	80.1	80.5	80.7	80.8	81.0	81.0	81.1	81.2	81.2	81.4	81.7
≥ 2500	63.7	73.4	76.8	79.5	81.6	81.9	82.3	82.5	82.6	82.8	82.9	82.9	83.0	83.0	83.2	83.5
≥ 2000	64.4	74.4	77.9	80.8	82.9	83.2	83.6	83.9	84.0	84.2	84.3	84.3	84.4	84.4	84.6	84.9
≥ 1800	64.6	74.7	78.2	81.1	83.2	83.6	84.0	84.3	84.3	84.5	84.6	84.6	84.7	84.8	85.0	85.2
≥ 1500	65.0	75.3	78.9	82.0	84.2	84.5	85.0	85.3	85.3	85.5	85.6	85.6	85.7	85.8	86.0	86.2
≥ 1200	65.4	75.9	79.7	82.8	85.1	85.4	85.9	86.2	86.3	86.5	86.6	86.6	86.7	86.7	86.9	87.2
≥ 1000	65.6	76.3	80.2	83.3	85.9	86.3	86.8	87.1	87.2	87.4	87.5	87.5	87.6	87.6	87.8	88.1
≥ 900	65.8	76.5	80.4	83.8	86.4	86.8	87.4	87.7	87.8	88.0	88.0	88.1	88.2	88.2	88.4	88.7
≥ 800	65.8	76.6	80.6	84.1	86.8	87.3	88.0	88.4	88.4	88.7	88.7	88.8	88.9	88.9	89.1	89.4
≥ 700	65.9	76.9	81.0	84.6	87.5	88.0	88.7	89.2	89.2	89.5	89.5	89.6	89.7	89.7	89.9	90.2
≥ 600	66.0	77.1	81.3	85.1	88.2	88.8	89.6	90.1	90.2	90.5	90.6	90.6	90.7	90.7	90.9	91.2
≥ 500	66.0	77.2	81.5	85.7	89.2	90.0	90.9	91.5	91.6	92.0	92.0	92.1	92.2	92.2	92.4	92.7
≥ 400	66.0	77.2	81.6	86.1	90.0	91.0	92.1	93.0	93.1	93.6	93.7	93.7	93.9	93.9	94.1	94.4
≥ 300	66.0	77.4	81.7	86.2	90.3	91.6	93.1	94.4	94.6	95.3	95.5	95.5	95.7	95.8	96.0	96.4
≥ 200	66.0	77.4	81.7	86.3	90.4	91.7	93.4	94.8	95.0	96.0	96.2	96.4	96.7	96.9	97.2	97.6
≥ 100	66.0	77.4	81.7	86.3	90.6	91.8	93.6	94.9	95.1	96.3	96.6	96.7	97.3	97.6	98.2	99.0
0	66.0	77.4	81.7	86.3	90.6	91.8	93.6	94.9	95.1	96.3	96.7	96.8	97.3	97.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 10800

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04763 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 50-70 YEARS — CT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.3	52.1	53.8	55.1	56.5	56.7	57.0	57.2	57.3	57.4	57.5	57.5	57.5	57.6	57.7	58.1
≥ 20000	50.5	55.8	57.7	59.1	60.5	60.8	61.1	61.3	61.4	61.6	61.6	61.6	61.7	61.7	61.8	62.3
≥ 18000	50.7	56.0	57.8	59.2	60.7	60.9	61.3	61.5	61.6	61.7	61.8	61.8	61.9	61.9	62.0	62.5
≥ 16000	50.9	56.2	58.1	59.5	60.9	61.2	61.5	61.8	61.8	62.0	62.0	62.0	62.1	62.2	62.3	62.7
≥ 14000	51.5	57.0	58.8	60.3	61.8	62.0	62.4	62.6	62.6	62.8	62.9	62.9	63.0	63.0	63.1	63.6
≥ 12000	52.8	58.4	60.3	61.8	63.3	63.6	63.9	64.2	64.2	64.4	64.4	64.4	64.5	64.6	64.7	65.1
≥ 10000	54.6	60.6	62.6	64.2	65.8	66.1	66.4	66.7	66.7	66.9	67.0	67.0	67.1	67.1	67.2	67.7
≥ 9000	55.2	61.3	63.3	64.9	66.5	66.8	67.2	67.4	67.5	67.7	67.7	67.7	67.8	67.9	68.0	68.4
≥ 8000	56.9	63.3	65.5	67.2	68.8	69.1	69.4	69.7	69.7	69.9	70.0	70.0	70.1	70.1	70.3	70.7
≥ 7000	58.2	65.0	67.2	69.0	70.8	71.1	71.5	71.7	71.8	72.0	72.0	72.0	72.1	72.2	72.3	72.8
≥ 6000	59.6	66.7	69.1	71.0	72.7	73.1	73.5	73.8	73.8	74.0	74.0	74.0	74.1	74.2	74.3	74.8
≥ 5000	61.2	68.7	71.3	73.2	75.1	75.4	75.8	76.1	76.2	76.4	76.4	76.4	76.5	76.6	76.7	77.2
≥ 4500	62.0	69.7	72.3	74.3	76.1	76.5	76.9	77.2	77.2	77.4	77.5	77.5	77.6	77.6	77.7	78.2
≥ 4000	62.8	70.8	73.4	75.5	77.4	77.7	78.2	78.5	78.5	78.7	78.8	78.8	78.9	78.9	79.0	79.5
≥ 3500	63.9	72.0	74.7	76.9	78.8	79.1	79.6	79.9	79.9	80.1	80.2	80.2	80.3	80.3	80.4	80.9
≥ 3000	65.1	73.4	76.2	78.4	80.3	80.8	81.2	81.5	81.5	81.8	81.8	81.8	81.9	82.0	82.1	82.6
≥ 2500	66.2	74.8	77.7	79.9	81.9	82.3	82.7	83.1	83.1	83.3	83.4	83.4	83.5	83.6	83.7	84.2
≥ 2000	67.0	75.9	78.8	81.2	83.2	83.6	84.1	84.4	84.5	84.7	84.7	84.7	84.8	84.9	85.0	85.5
≥ 1800	67.4	76.4	79.4	81.8	83.8	84.2	84.7	85.0	85.1	85.3	85.3	85.3	85.4	85.5	85.6	86.1
≥ 1500	68.1	77.4	80.4	82.9	84.9	85.3	85.8	86.2	86.3	86.5	86.5	86.5	86.6	86.7	86.8	87.3
≥ 1200	68.2	77.6	80.7	83.3	85.3	85.9	86.4	86.8	86.8	87.1	87.1	87.1	87.2	87.3	87.4	87.9
≥ 1000	68.8	78.1	81.4	84.1	86.4	86.8	87.3	87.7	87.8	88.0	88.1	88.1	88.2	88.2	88.4	88.9
≥ 900	68.6	78.4	81.7	84.5	86.8	87.3	87.8	88.2	88.2	88.5	88.5	88.5	88.6	88.7	88.8	89.3
≥ 800	68.7	78.8	82.3	85.3	87.8	88.3	88.7	89.2	89.4	89.7	89.7	89.8	89.8	89.9	90.0	90.4
≥ 700	68.8	79.0	82.6	85.7	88.5	89.0	89.7	90.2	90.2	90.5	90.6	90.6	90.7	90.8	90.9	91.4
≥ 600	68.8	79.2	82.9	86.2	89.2	89.8	90.6	91.1	91.2	91.5	91.6	91.6	91.7	91.8	91.9	92.4
≥ 500	68.8	79.3	83.2	86.6	90.1	90.9	91.8	92.5	92.6	93.0	93.1	93.1	93.2	93.2	93.4	93.9
≥ 400	68.8	79.3	83.2	87.0	90.4	91.6	92.7	93.5	93.6	94.1	94.2	94.3	94.4	94.5	94.6	95.1
≥ 300	68.8	79.3	83.3	87.1	91.0	92.1	93.3	94.3	94.8	95.3	95.5	95.5	95.7	95.8	95.9	96.5
≥ 200	68.8	79.3	83.3	87.1	91.1	92.2	93.4	94.5	95.2	95.8	96.1	96.2	96.4	96.5	96.6	97.2
≥ 100	68.8	79.3	83.3	87.1	91.1	92.2	93.4	94.6	95.3	96.2	96.7	96.9	97.4	97.7	98.2	99.1
0	68.8	79.3	83.3	87.1	91.1	92.2	93.4	94.9	95.8	96.8	96.9	97.3	97.9	98.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 11158

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04742 (STATION) PEASE AFB / PORTSMOUTH (STATION NAME) 56-70 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (G.M.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.5	42.8	43.5	43.9	44.4	44.5	44.9	44.7	44.7	44.8	44.8	44.8	44.9	44.9	45.0	45.2
	43.2	45.9	46.7	47.1	47.7	47.8	48.0	48.1	48.1	48.1	48.1	48.2	48.3	48.4	48.5	
≥ 18000 ≥ 16000	43.3	46.2	47.0	47.4	48.0	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.6	48.8
	43.8	46.5	47.4	47.8	48.4	48.5	48.8	48.7	48.7	48.8	48.8	48.8	48.9	48.9	49.0	49.2
≥ 14000 ≥ 12000	44.6	47.5	48.4	48.8	49.4	49.5	49.7	49.8	49.8	49.8	49.9	49.9	49.9	50.0	50.1	50.3
	45.8	48.9	49.9	50.3	50.9	51.1	51.2	51.3	51.3	51.4	51.4	51.4	51.5	51.5	51.6	51.8
≥ 10000 ≥ 9000	47.6	51.3	52.5	53.0	53.6	53.9	54.1	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.5	54.7
	48.4	52.2	53.4	54.0	54.7	54.9	55.0	55.2	55.2	55.3	55.3	55.3	55.4	55.4	55.5	55.7
≥ 8000 ≥ 7000	49.9	54.3	55.7	56.4	57.2	57.4	57.6	57.7	57.7	57.8	57.9	57.9	58.0	58.0	58.1	58.3
	51.6	56.3	57.9	58.7	59.7	60.0	60.2	60.3	60.4	60.5	60.5	60.6	60.6	60.7	60.8	61.0
≥ 6000 ≥ 5000	52.6	57.6	59.2	60.1	61.2	61.4	61.6	61.8	61.9	62.0	62.1	62.1	62.2	62.2	62.3	62.5
	54.3	58.6	61.3	62.2	63.5	63.7	63.9	64.2	64.3	64.4	64.4	64.5	64.5	64.6	64.7	64.9
≥ 4500 ≥ 4000	56.0	61.6	63.3	64.3	65.6	65.9	66.1	66.4	66.4	66.6	66.7	66.7	66.8	66.8	66.9	67.1
	57.5	63.3	65.1	66.2	67.5	67.8	68.0	68.3	68.3	68.5	68.6	68.6	68.7	68.7	68.8	69.0
≥ 3500 ≥ 3000	58.6	64.7	66.7	67.8	69.2	69.5	69.7	70.0	70.0	70.2	70.3	70.3	70.4	70.4	70.5	70.7
	60.7	67.5	69.6	70.9	72.3	72.6	72.9	73.1	73.2	73.4	73.5	73.5	73.6	73.6	73.7	73.9
≥ 2500 ≥ 2000	62.5	69.9	72.0	73.6	75.2	75.5	75.7	76.0	76.1	76.3	76.3	76.4	76.4	76.5	76.6	76.8
	64.1	72.2	74.7	76.4	78.2	78.5	78.8	79.1	79.2	79.4	79.5	79.6	79.6	79.6	79.7	80.0
≥ 1800 ≥ 1500	64.5	72.7	75.2	77.0	78.8	79.1	79.5	79.7	79.8	80.0	80.1	80.1	80.3	80.3	80.4	80.6
	65.4	74.1	76.8	78.7	80.7	81.1	81.4	81.8	81.9	82.1	82.2	82.2	82.4	82.4	82.5	82.7
≥ 1200 ≥ 1000	66.0	75.1	78.0	80.2	82.3	82.7	83.2	83.5	83.6	83.8	83.9	83.9	84.0	84.1	84.2	84.4
	66.4	75.9	78.9	81.3	83.6	84.0	84.5	84.8	84.9	85.1	85.2	85.3	85.4	85.4	85.5	85.7
≥ 900 ≥ 800	66.6	76.2	79.4	81.9	84.3	84.7	85.3	85.6	85.7	85.9	86.0	86.0	86.1	86.2	86.3	86.5
	66.9	76.8	80.1	82.8	85.4	85.9	86.5	86.9	87.0	87.2	87.3	87.4	87.5	87.5	87.6	87.8
≥ 700 ≥ 600	67.1	77.1	80.6	83.5	86.3	86.8	87.5	87.9	88.0	88.3	88.4	88.5	88.6	88.7	88.9	
	67.2	77.3	80.9	83.9	87.1	87.7	88.7	89.2	89.3	89.6	89.7	89.8	89.9	90.0	90.2	
≥ 500 ≥ 400	67.2	77.5	81.2	84.3	88.3	88.9	90.0	90.6	90.8	91.2	91.4	91.4	91.5	91.6	91.8	92.0
	67.2	77.6	81.3	84.8	89.1	90.0	91.2	92.2	92.4	92.9	93.2	93.2	93.4	93.5	93.7	93.9
≥ 300 ≥ 200	67.2	77.6	81.3	85.2	89.7	90.9	92.7	93.8	94.1	95.0	95.5	95.6	95.9	96.0	96.2	96.4
	67.2	77.7	81.4	85.3	89.8	91.1	93.0	94.2	94.6	95.7	96.3	96.4	97.2	97.3	97.5	98.2
≥ 100 0	67.2	77.7	81.5	85.3	89.8	91.1	93.0	94.3	94.7	95.8	96.8	97.0	97.7	98.2	98.8	99.5
	67.2	77.7	81.5	85.3	89.8	91.1	93.0	94.3	94.7	95.8	96.8	97.0	97.7	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 10800

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04763~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~56-70~~ YEARS ~~DEC~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.1	48.6	49.4	49.7	50.1	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.7
≥ 20000	~~49.2~~	~~51.9~~	~~52.9~~	~~53.3~~	~~53.8~~	~~53.9~~	~~54.1~~	~~54.1~~	~~54.1~~	~~54.1~~	~~54.1~~	~~54.1~~	~~54.2~~	~~54.2~~	~~54.2~~	~~54.4~~
≥ 18000	49.4	52.0	53.0	53.4	53.9	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.5
≥ 16000	~~49.6~~	~~52.3~~	~~53.3~~	~~53.7~~	~~54.2~~	~~54.3~~	~~54.5~~	~~54.5~~	~~54.5~~	~~54.5~~	~~54.5~~	~~54.5~~	~~54.6~~	~~54.6~~	~~54.6~~	~~54.8~~
≥ 14000	50.4	53.2	54.2	54.6	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.7
≥ 12000	~~51.4~~	~~54.4~~	~~55.4~~	~~55.8~~	~~56.3~~	~~56.4~~	~~56.5~~	~~56.6~~	~~56.6~~	~~56.6~~	~~56.6~~	~~56.6~~	~~56.6~~	~~56.7~~	~~56.7~~	~~56.8~~
≥ 10000	53.3	56.6	57.7	58.1	58.6	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.3
9000	~~53.9~~	~~57.2~~	~~58.4~~	~~58.8~~	~~59.3~~	~~59.5~~	~~59.7~~	~~59.7~~	~~59.7~~	~~59.7~~	~~59.7~~	~~59.7~~	~~59.8~~	~~59.8~~	~~59.9~~	~~60.0~~
≥ 8000	55.5	59.1	60.4	60.9	61.5	61.7	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.1	62.2
7000	~~57.0~~	~~60.9~~	~~62.2~~	~~62.8~~	~~63.5~~	~~63.6~~	~~63.8~~	~~63.9~~	~~63.9~~	~~63.9~~	~~64.0~~	~~64.0~~	~~64.0~~	~~64.1~~	~~64.1~~	~~64.3~~
≥ 6000	58.3	62.4	63.9	64.5	65.3	65.5	65.7	65.7	65.7	65.7	65.8	65.8	65.9	65.9	66.0	66.2
5000	~~59.8~~	~~64.4~~	~~66.0~~	~~66.7~~	~~67.7~~	~~67.8~~	~~68.1~~	~~68.1~~	~~68.1~~	~~68.2~~	~~68.2~~	~~68.2~~	~~68.3~~	~~68.3~~	~~68.4~~	~~68.6~~
≥ 4500	60.8	65.9	67.5	68.3	69.3	69.5	69.8	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.1	70.3
4000	~~61.8~~	~~67.1~~	~~68.8~~	~~69.7~~	~~70.7~~	~~70.9~~	~~71.1~~	~~71.2~~	~~71.2~~	~~71.2~~	~~71.2~~	~~71.2~~	~~71.4~~	~~71.4~~	~~71.5~~	~~71.7~~
≥ 3500	63.1	68.6	70.4	71.4	72.4	72.6	72.8	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.2	73.4
3000	~~64.8~~	~~70.9~~	~~72.9~~	~~74.0~~	~~75.1~~	~~75.3~~	~~75.6~~	~~75.7~~	~~75.7~~	~~75.8~~	~~75.8~~	~~75.9~~	~~76.0~~	~~76.0~~	~~76.1~~	~~76.3~~
≥ 2500	65.8	72.4	74.6	75.8	77.1	77.4	77.7	77.8	77.8	77.9	77.9	77.9	78.0	78.1	78.2	78.4
2000	~~66.9~~	~~73.9~~	~~76.3~~	~~77.8~~	~~79.3~~	~~79.7~~	~~80.1~~	~~80.3~~	~~80.3~~	~~80.3~~	~~80.4~~	~~80.4~~	~~80.5~~	~~80.5~~	~~80.6~~	~~80.8~~
≥ 1800	67.2	74.4	76.8	78.4	80.0	80.4	80.8	81.0	81.0	81.1	81.1	81.2	81.2	81.3	81.4	81.6
1500	~~67.8~~	~~75.3~~	~~78.0~~	~~79.9~~	~~81.7~~	~~82.2~~	~~82.7~~	~~82.8~~	~~82.9~~	~~83.0~~	~~83.1~~	~~83.1~~	~~83.2~~	~~83.2~~	~~83.3~~	~~83.5~~
≥ 1200	68.2	76.2	79.0	81.0	83.2	83.8	84.4	84.6	84.7	84.8	84.9	84.9	85.0	85.0	85.2	85.3
1000	~~68.6~~	~~76.6~~	~~79.5~~	~~81.6~~	~~84.2~~	~~84.8~~	~~85.5~~	~~85.7~~	~~85.9~~	~~86.1~~	~~86.2~~	~~86.4~~	~~86.5~~	~~86.6~~	~~86.6~~	~~86.9~~
≥ 900	68.4	76.7	79.7	82.0	84.6	85.3	86.1	86.5	86.7	87.0	87.1	87.2	87.3	87.4	87.5	87.7
800	~~68.5~~	~~77.0~~	~~80.0~~	~~82.3~~	~~85.3~~	~~86.1~~	~~87.0~~	~~87.5~~	~~87.7~~	~~88.1~~	~~88.4~~	~~88.4~~	~~88.6~~	~~88.7~~	~~88.8~~	~~89.0~~
≥ 700	68.6	77.1	80.2	82.9	85.9	86.8	87.8	88.4	88.6	89.1	89.5	89.5	89.8	89.8	90.0	90.2
600	~~68.7~~	~~77.5~~	~~80.6~~	~~83.4~~	~~86.9~~	~~87.9~~	~~89.0~~	~~89.7~~	~~90.0~~	~~90.7~~	~~91.1~~	~~91.2~~	~~91.5~~	~~91.6~~	~~91.7~~	~~92.0~~
≥ 500	68.7	77.6	80.9	84.0	87.6	88.8	90.2	91.0	91.4	92.3	92.9	93.1	93.6	93.6	93.9	94.1
400	~~68.7~~	~~77.7~~	~~81.0~~	~~84.3~~	~~88.2~~	~~89.5~~	~~91.1~~	~~92.0~~	~~92.5~~	~~93.6~~	~~94.4~~	~~94.4~~	~~94.4~~	~~94.4~~	~~94.7~~	~~96.0~~
≥ 300	68.7	77.7	81.1	84.4	88.3	89.9	91.6	92.7	93.1	94.5	95.3	95.8	96.7	96.9	97.2	97.8
200	~~68.7~~	~~77.7~~	~~81.1~~	~~84.4~~	~~88.3~~	~~89.9~~	~~91.7~~	~~92.9~~	~~93.4~~	~~94.8~~	~~95.6~~	~~96.3~~	~~97.3~~	~~97.4~~	~~98.0~~	~~98.7~~
≥ 100	68.7	77.7	81.1	84.4	88.3	89.9	91.7	92.9	93.4	94.9	96.1	96.3	97.6	97.9	98.4	99.4
0	~~68.7~~	~~77.7~~	~~81.1~~	~~84.4~~	~~88.3~~	~~89.9~~	~~91.7~~	~~92.9~~	~~93.4~~	~~94.9~~	~~96.1~~	~~96.3~~	~~97.6~~	~~97.9~~	~~98.5~~	100.0

TOTAL NUMBER OF OBSERVATIONS 11160

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.4	53.2	54.6	55.4	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0
≥ 20000	52.2	55.3	56.7	57.6	58.1	58.1	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.4
≥ 18000	52.3	55.4	56.8	57.7	58.2	58.2	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.5
≥ 16000	52.5	55.5	56.9	57.9	58.4	58.4	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.8
≥ 14000	53.2	56.4	57.8	58.8	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.6
≥ 12000	53.8	56.9	58.5	59.5	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.4
≥ 10000	55.1	58.8	60.4	61.6	62.1	62.1	62.1	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.9
≥ 9000	55.9	59.8	61.5	62.7	63.2	63.2	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.6
≥ 8000	57.2	61.1	63.0	64.1	64.7	64.8	64.8	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.2
≥ 7000	58.1	62.6	64.6	65.7	66.3	66.4	66.4	66.5	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.8
≥ 6000	59.6	64.1	66.1	67.3	67.8	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.4
≥ 5000	61.0	66.0	68.0	69.4	70.0	70.2	70.2	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.7
≥ 4500	63.1	68.7	70.9	72.3	73.0	73.1	73.1	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.6
≥ 4000	64.0	69.9	72.0	73.5	74.3	74.4	74.4	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.9
≥ 3500	65.1	71.5	73.7	75.3	76.0	76.2	76.2	76.3	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.7
≥ 3000	65.9	73.0	75.3	77.0	78.0	78.3	78.4	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.9
≥ 2500	67.1	74.7	77.1	79.2	80.4	80.6	80.9	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.3
≥ 2000	67.7	75.6	78.2	80.4	81.8	82.1	82.4	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.9
≥ 1800	67.7	75.7	78.3	80.5	81.9	82.3	82.7	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.2
≥ 1500	67.9	76.2	79.0	81.4	83.1	83.5	84.1	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.6
≥ 1200	68.0	76.6	79.7	82.3	84.6	85.3	86.1	86.4	86.4	86.7	86.7	86.7	86.8	86.8	86.8	86.9
≥ 1000	68.0	76.8	80.0	82.6	85.2	85.9	86.9	87.3	87.4	88.0	88.0	88.0	88.1	88.1	88.1	88.2
≥ 900	68.0	76.9	80.1	82.9	85.5	86.4	87.3	87.8	87.9	88.5	88.5	88.5	88.6	88.6	88.6	88.7
≥ 800	68.0	77.0	80.2	82.9	85.6	86.6	87.6	88.3	88.3	89.2	89.2	89.2	89.3	89.3	89.3	89.5
≥ 700	68.0	77.0	80.3	83.4	86.1	87.2	88.3	89.1	89.2	90.0	90.2	90.2	90.3	90.3	90.3	90.5
≥ 600	68.0	77.0	80.6	83.8	86.8	87.9	89.3	90.2	90.3	91.3	91.7	91.7	91.9	91.9	91.9	92.0
≥ 500	68.0	77.0	80.6	84.1	87.3	88.5	90.1	91.1	91.4	92.3	92.8	92.8	93.2	93.2	93.2	93.4
≥ 400	68.0	77.0	80.6	84.2	87.6	88.9	90.7	91.7	92.2	93.2	93.6	93.7	94.4	94.6	94.8	94.9
≥ 300	68.0	77.0	80.6	84.3	87.8	89.2	91.2	92.3	92.9	94.3	95.2	95.3	96.1	96.3	96.9	97.1
≥ 200	68.0	77.0	80.6	84.3	87.8	89.2	91.4	92.9	93.5	94.9	96.3	96.4	97.2	97.4	98.1	98.4
≥ 100	68.0	77.0	80.6	84.3	87.8	89.2	91.4	92.9	93.5	95.0	96.4	96.5	97.6	98.1	98.8	99.5
≥ 0	68.0	77.0	80.6	84.3	87.8	89.2	91.4	92.9	93.5	95.0	96.4	96.5	97.6	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1302

USAF ETAC FORM AUG 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.5	53.0	54.1	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.3	55.4
≥ 20000	51.0	55.1	56.3	57.2	57.5	57.5	57.5	57.5	57.5	57.6	57.7	57.7	57.7	57.7	57.8	57.8
≥ 18000	51.4	55.5	56.8	57.7	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.2	58.3
≥ 16000	51.6	55.8	57.0	57.9	58.2	58.2	58.2	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.5
≥ 14000	52.0	56.1	57.4	58.4	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.9	59.0
≥ 12000	52.5	56.8	58.1	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.6	59.7
≥ 10000	54.3	59.1	60.5	61.5	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.2	62.3	62.4
≥ 9000	54.7	59.5	60.9	61.9	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.6	62.7	62.7
≥ 8000	56.8	61.3	62.8	64.0	64.4	64.4	64.4	64.4	64.4	64.5	64.6	64.6	64.6	64.7	64.7	64.8
≥ 7000	58.2	63.7	65.3	66.5	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.2	67.3	67.4
≥ 6000	59.1	64.9	66.7	68.0	68.4	68.4	68.4	68.4	68.4	68.5	68.6	68.6	68.6	68.7	68.7	68.8
≥ 5000	60.8	67.1	68.8	70.4	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.1	71.2	71.3
≥ 4500	61.9	68.4	70.1	71.9	72.4	72.4	72.4	72.4	72.4	72.5	72.6	72.6	72.6	72.7	72.7	72.8
≥ 4000	62.6	69.8	71.7	73.6	74.1	74.1	74.1	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.4	74.5
≥ 3500	63.6	71.2	73.0	75.1	75.7	75.7	75.7	75.7	75.7	75.8	75.9	75.9	75.9	76.0	76.0	76.1
≥ 3000	64.9	73.0	75.2	77.3	78.0	78.0	78.1	78.1	78.1	78.3	78.3	78.3	78.3	78.4	78.5	78.6
≥ 2500	66.1	75.0	77.6	80.0	80.6	80.6	80.9	80.9	80.9	81.0	81.1	81.1	81.1	81.2	81.3	81.3
≥ 2000	67.1	76.3	79.2	81.6	82.5	82.5	82.8	82.8	82.8	82.9	83.0	83.0	83.0	83.1	83.2	83.3
≥ 1800	67.4	76.8	79.7	82.3	83.3	83.3	83.6	83.6	83.6	83.8	83.9	83.9	83.9	83.9	84.0	84.1
≥ 1500	67.5	77.4	80.4	83.1	84.1	84.2	84.6	84.7	84.7	84.9	84.9	84.9	84.9	85.0	85.1	85.2
≥ 1200	67.7	78.0	81.3	84.1	85.4	85.7	86.4	86.6	86.6	86.8	86.9	86.9	86.9	86.9	87.0	87.1
≥ 1000	67.8	78.4	81.8	84.7	86.2	86.5	87.2	87.7	87.7	88.1	88.2	88.2	88.2	88.2	88.3	88.4
≥ 900	67.8	78.5	81.9	84.9	86.5	86.8	87.7	88.1	88.1	88.5	88.6	88.6	88.6	88.6	88.7	88.8
≥ 800	67.8	78.5	81.9	84.9	86.6	86.9	87.9	88.3	88.6	89.0	89.2	89.2	89.2	89.3	89.4	89.5
≥ 700	67.8	78.5	82.2	85.6	87.2	87.7	89.1	89.7	89.8	90.4	90.6	90.6	90.8	90.9	90.9	91.0
≥ 600	67.8	78.6	82.3	85.9	88.0	88.6	90.1	90.7	90.8	91.4	91.7	91.7	91.9	91.9	92.0	92.2
≥ 500	67.8	78.6	82.3	86.1	88.2	88.9	90.8	91.4	91.6	92.4	92.9	92.9	93.2	93.2	93.4	93.5
≥ 400	67.8	78.6	82.6	86.4	88.6	89.3	91.3	92.1	92.3	93.2	93.9	93.9	94.4	94.3	94.4	94.9
≥ 300	67.8	78.6	82.6	86.6	88.9	89.6	91.9	92.8	92.9	94.2	95.1	95.1	95.8	95.9	96.2	96.4
≥ 200	67.8	78.6	82.6	86.6	88.9	89.6	91.9	92.8	93.1	94.4	95.4	95.4	96.0	97.3	97.7	97.8
≥ 100	67.8	78.6	82.6	86.6	88.9	89.6	91.9	92.8	93.1	94.4	95.6	95.6	97.3	98.1	98.8	99.4
≥ 0	67.8	78.6	82.6	86.6	88.9	89.6	91.9	92.8	93.1	94.4	95.6	95.6	97.3	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1302

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.0	49.1	50.0	50.6	51.2	51.2	51.3	51.4	51.5	51.5	51.5	51.5	51.7	51.7	51.7	51.8
≥ 20000	49.4	52.8	53.8	54.6	55.2	55.3	55.5	55.5	55.6	55.6	55.7	55.7	55.8	55.8	55.8	56.1
≥ 18000	49.4	52.8	53.9	54.7	55.3	55.4	55.5	55.6	55.7	55.7	55.8	55.8	55.9	55.9	55.9	56.1
≥ 16000	49.6	53.1	54.1	54.9	55.5	55.6	55.8	55.8	55.9	55.9	56.0	56.0	56.1	56.1	56.1	56.4
≥ 14000	50.2	53.7	54.8	55.5	56.1	56.2	56.4	56.5	56.5	56.5	56.6	56.6	56.8	56.8	56.8	57.0
≥ 12000	51.4	55.1	56.2	57.1	57.7	57.8	57.9	58.0	58.1	58.1	58.1	58.1	58.3	58.3	58.3	58.5
≥ 10000	53.6	57.8	59.1	59.9	60.6	60.8	60.9	61.0	61.1	61.1	61.1	61.1	61.3	61.3	61.3	61.5
≥ 9000	54.0	58.4	59.7	60.6	61.3	61.4	61.6	61.7	61.8	61.8	61.8	61.8	62.0	62.0	62.0	62.2
≥ 8000	55.8	60.8	62.2	63.4	64.1	64.2	64.4	64.5	64.6	64.6	64.7	64.7	64.8	64.8	64.8	65.1
≥ 7000	57.9	62.4	63.1	64.3	67.1	67.2	67.4	67.5	67.6	67.6	67.7	67.7	67.8	67.8	67.9	68.1
≥ 6000	59.5	65.2	67.0	68.2	69.0	69.1	69.4	69.4	69.5	69.5	69.6	69.6	69.7	69.7	69.8	70.0
≥ 5000	61.4	67.3	69.3	70.8	71.7	71.8	72.0	72.1	72.2	72.2	72.3	72.3	72.5	72.5	72.6	72.8
≥ 4500	62.3	68.6	70.8	72.1	73.0	73.1	73.4	73.5	73.6	73.6	73.7	73.7	73.9	73.9	74.0	74.2
≥ 4000	63.7	70.6	72.9	74.3	75.2	75.4	75.7	75.8	75.9	75.9	76.0	76.0	76.2	76.2	76.3	76.5
≥ 3500	64.4	71.9	74.2	75.7	76.7	77.0	77.3	77.3	77.4	77.4	77.6	77.6	77.8	77.8	77.9	78.1
≥ 3000	65.8	74.0	76.7	78.3	79.4	79.6	80.0	80.1	80.2	80.2	80.3	80.3	80.6	80.6	80.6	80.9
≥ 2500	66.7	75.4	78.4	80.3	81.6	81.8	82.3	82.5	82.6	82.6	82.7	82.7	82.9	82.9	83.0	83.3
≥ 2000	67.4	76.2	79.4	81.6	82.8	83.0	83.3	83.8	83.9	83.9	84.0	84.0	84.3	84.3	84.3	84.6
≥ 1800	67.4	76.4	79.6	81.9	83.1	83.4	84.0	84.3	84.3	84.3	84.5	84.5	84.7	84.7	84.8	85.0
≥ 1500	67.8	76.7	80.1	82.0	83.9	84.3	85.0	85.4	85.5	85.6	85.7	85.7	85.9	85.9	86.0	86.3
≥ 1200	67.9	77.3	81.0	84.0	85.6	86.9	87.0	87.5	87.6	87.8	87.9	87.9	88.2	88.2	88.3	88.6
≥ 1000	68.0	77.8	81.5	84.6	86.3	86.9	87.6	88.2	88.3	88.6	88.8	88.8	89.1	89.1	89.2	89.5
≥ 900	68.1	77.9	81.6	84.6	86.3	86.9	87.9	88.5	88.7	89.0	89.2	89.2	89.6	89.6	89.7	89.9
≥ 800	68.3	78.0	81.7	84.9	86.7	87.3	88.2	88.9	89.2	89.6	89.8	89.8	90.2	90.2	90.4	90.6
≥ 700	68.3	78.3	82.0	85.4	87.3	87.9	88.9	89.6	89.9	90.4	90.9	90.9	91.3	91.4	91.6	91.8
≥ 600	68.4	78.3	82.0	85.7	87.6	88.4	89.3	90.2	90.6	91.2	91.9	91.9	92.3	92.4	92.5	92.8
≥ 500	68.4	78.3	82.3	86.0	88.4	89.2	90.4	91.2	91.7	92.2	93.1	93.1	93.7	93.8	94.1	94.3
≥ 400	68.4	78.3	82.3	86.0	88.8	89.7	91.1	92.2	92.9	93.7	94.6	94.6	95.3	95.3	95.8	96.0
≥ 300	68.4	78.3	82.3	86.2	88.9	89.9	91.3	92.5	93.3	94.3	95.7	95.7	96.5	96.6	97.0	97.3
≥ 200	68.4	78.3	82.3	86.3	89.1	90.0	91.5	92.8	93.8	94.9	96.3	96.3	97.2	97.3	97.8	98.2
≥ 100	68.4	78.3	82.3	86.3	89.1	90.0	91.5	92.8	93.9	94.9	96.4	96.4	97.3	97.5	98.0	98.3
0	68.4	78.3	82.3	86.3	89.1	90.0	91.5	92.8	93.9	94.9	96.4	96.4	97.3	97.5	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1302

USAF ETAC FORM AWS 66 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.2	50.4	51.2	51.9	52.2	52.2	52.4	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.7
≥ 20000	51.9	55.7	56.8	57.6	58.1	58.1	58.2	58.4	58.4	58.6	58.6	58.6	58.7	58.7	58.7	58.8
≥ 18000	52.0	55.8	56.9	57.7	58.1	58.1	58.3	58.5	58.5	58.7	58.7	58.7	58.8	58.8	58.8	58.8
≥ 16000	52.3	56.1	57.2	58.0	58.4	58.4	58.6	58.8	58.8	59.0	59.0	59.0	59.1	59.1	59.1	59.1
≥ 14000	53.0	56.8	58.0	58.8	59.2	59.2	59.4	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.9
≥ 12000	54.1	58.4	59.7	60.5	61.0	61.0	61.1	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.7
≥ 10000	56.8	61.1	62.5	63.6	64.1	64.1	64.3	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.8
≥ 9000	58.1	62.7	64.2	65.4	65.9	65.9	66.1	66.3	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.6
≥ 8000	60.6	65.7	67.6	68.8	69.5	69.5	69.7	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.2
≥ 7000	62.9	68.4	70.4	71.6	72.4	72.4	72.6	72.7	72.7	72.9	72.9	72.9	73.0	73.0	73.0	73.0
≥ 6000	63.7	69.4	71.4	72.6	73.3	73.3	73.5	73.7	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.0
≥ 5000	64.7	70.9	72.9	74.3	75.2	75.2	75.4	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	76.0
≥ 4500	65.3	71.9	74.0	75.7	76.6	76.6	76.8	77.0	77.0	77.2	77.2	77.2	77.3	77.3	77.3	77.3
≥ 4000	66.4	73.2	75.3	77.0	78.0	78.0	78.3	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.8
≥ 3500	66.9	73.7	75.9	77.7	78.7	78.7	79.0	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.6
≥ 3000	68.0	74.9	77.3	79.3	80.3	80.3	80.6	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.1
≥ 2500	69.0	76.2	78.7	81.0	82.0	82.0	82.4	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	83.0
≥ 2000	69.8	77.0	79.6	82.2	83.2	83.3	83.7	84.1	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.5
≥ 1800	69.6	77.0	79.6	82.3	83.4	83.5	83.9	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.7
≥ 1500	70.0	77.7	80.3	83.3	84.7	84.9	85.4	86.0	86.1	86.4	86.5	86.5	86.6	86.6	86.6	86.6
≥ 1200	70.5	78.4	81.2	84.2	85.6	85.8	86.2	87.6	87.6	87.9	88.1	88.1	88.2	88.2	88.2	88.2
≥ 1000	70.6	78.5	81.4	84.5	86.2	86.4	87.0	88.5	88.6	89.1	89.2	89.2	89.3	89.3	89.3	89.4
≥ 900	70.7	78.6	81.5	84.7	86.5	86.6	87.2	88.7	88.9	89.5	89.6	89.6	89.9	89.9	89.9	89.9
≥ 800	70.7	78.8	81.7	84.9	86.9	87.0	87.6	89.2	89.4	90.1	90.4	90.3	90.7	90.7	90.7	90.8
≥ 700	70.7	79.0	82.0	85.3	87.6	87.9	88.2	90.2	90.4	91.2	91.5	91.6	91.9	91.9	91.9	92.0
≥ 600	70.7	79.0	82.2	85.9	87.9	88.2	88.6	90.8	91.1	92.2	92.5	92.5	92.8	92.8	92.8	92.9
≥ 500	70.7	79.1	82.3	86.0	88.0	88.3	88.9	90.9	91.3	92.8	93.2	93.3	93.6	93.6	93.6	93.7
≥ 400	70.7	79.1	82.3	86.0	88.0	88.3	89.0	90.9	91.3	92.7	93.2	93.3	93.6	93.7	93.8	93.9
≥ 300	70.7	79.1	82.3	86.1	88.0	88.3	89.0	90.9	91.3	92.7	93.2	93.3	93.6	93.7	93.8	93.9
≥ 200	70.7	79.1	82.3	86.1	88.2	88.6	89.2	91.0	91.4	92.9	93.4	93.5	93.8	93.9	94.0	94.1
≥ 100	70.7	79.1	82.3	86.1	88.2	88.6	89.2	91.0	91.4	92.9	93.4	93.5	93.8	93.9	94.0	94.1
≥ 0	70.7	79.1	82.3	86.1	88.2	88.6	89.2	91.0	91.4	92.9	93.4	93.5	93.8	93.9	94.0	94.1

TOTAL NUMBER OF OBSERVATIONS 1302

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.8	53.5	53.7	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.3	54.3
≥ 20000	54.0	57.3	57.6	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.4
≥ 18000	54.3	57.6	57.9	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.8	58.8
≥ 16000	54.5	57.8	58.1	58.6	58.6	58.6	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	59.0	59.0
≥ 14000	55.1	58.5	58.9	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.8	59.8
≥ 12000	56.6	60.1	60.5	61.2	61.2	61.2	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.6	61.6
≥ 10000	59.1	62.7	63.3	63.7	63.7	63.7	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.3	64.3
≥ 9000	60.1	64.2	64.8	65.4	65.4	65.4	65.7	65.7	65.7	65.7	65.9	65.9	65.9	65.9	66.0	66.0
≥ 8000	62.7	67.0	67.6	68.2	68.3	68.3	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.8	68.8
≥ 7000	65.3	70.1	70.7	71.4	71.7	71.7	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.3	72.3
≥ 6000	66.3	71.3	72.0	72.8	73.0	73.0	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.5	73.5
≥ 5000	67.6	72.7	73.6	74.5	74.9	74.9	75.1	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.5	75.5
≥ 4500	68.5	73.7	74.7	75.6	76.0	76.0	76.2	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.6	76.6
≥ 4000	69.7	75.0	76.0	76.9	77.4	77.4	77.9	78.0	78.0	78.0	78.2	78.2	78.2	78.2	78.3	78.3
≥ 3500	70.7	76.0	77.0	77.9	78.4	78.7	79.0	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.4	79.4
≥ 3000	71.8	77.2	78.3	79.3	80.1	80.2	80.5	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.9	81.0
≥ 2500	72.6	78.3	79.5	80.9	82.0	82.0	82.3	82.5	82.6	82.6	82.8	82.8	82.8	82.8	82.9	82.9
≥ 2000	73.0	79.1	80.5	82.0	83.4	83.5	83.8	84.0	84.2	84.2	84.4	84.4	84.4	84.4	84.6	84.7
≥ 1800	73.3	79.8	81.3	82.8	84.3	84.3	84.6	84.9	85.1	85.3	85.5	85.5	85.5	85.5	85.6	85.6
≥ 1500	73.7	80.3	82.0	83.6	85.3	85.4	86.1	86.4	86.6	87.0	87.3	87.3	87.3	87.3	87.3	87.4
≥ 1200	73.9	81.0	82.6	84.1	86.3	86.4	87.2	87.6	87.8	88.3	88.6	88.6	88.6	88.6	88.6	88.7
≥ 1000	73.9	81.0	82.6	84.3	86.6	86.8	87.6	88.0	88.2	89.0	89.2	89.2	89.2	89.2	89.3	89.4
≥ 900	73.9	81.1	82.8	84.4	86.9	87.0	87.9	88.2	88.5	89.2	89.5	89.5	89.5	89.5	89.6	89.6
≥ 800	74.1	81.3	83.3	84.9	87.3	87.6	88.5	88.9	89.2	89.9	90.2	90.2	90.2	90.2	90.3	90.4
≥ 700	74.2	81.4	83.4	85.1	87.7	87.9	88.7	89.2	89.4	90.9	90.8	90.8	90.8	91.2	91.2	91.3
≥ 600	74.2	81.6	83.5	85.3	88.1	88.2	89.1	89.6	89.9	91.1	91.4	91.4	91.4	92.2	92.2	92.4
≥ 500	74.2	81.6	83.8	85.6	88.6	88.8	89.9	90.4	90.9	92.4	93.2	93.2	93.2	94.0	94.2	94.3
≥ 400	74.2	81.6	83.8	85.8	88.8	89.0	90.0	91.1	91.6	93.6	94.4	94.4	94.4	95.3	95.5	95.6
≥ 300	74.2	81.6	83.9	86.0	88.9	89.4	91.0	92.0	92.8	94.4	95.5	95.6	96.0	97.0	97.2	97.5
≥ 200	74.2	81.6	83.9	86.0	88.9	89.4	91.0	92.1	92.8	94.9	96.3	96.7	97.0	98.4	98.7	99.2
≥ 100	74.2	81.6	83.9	86.0	88.9	89.4	91.0	92.1	92.8	94.9	96.3	96.7	98.0	98.3	98.8	99.3
0	74.2	81.6	83.9	86.0	88.9	89.4	91.0	92.1	92.8	94.9	96.3	96.7	98.0	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1302

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1500-1700~~ (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.2	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 20000	54.1	57.4	57.6	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000	54.2	57.5	57.8	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 16000	54.5	57.8	58.1	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 14000	55.1	58.4	58.9	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 12000	57.1	60.6	61.1	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 10000	58.7	62.5	63.1	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 9000	60.3	64.4	64.9	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 8000	62.1	66.1	66.7	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 7000	66.4	68.6	69.3	69.9	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 6000	69.1	69.5	70.2	70.8	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 5000	69.9	71.5	72.4	73.0	73.3	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4500	68.4	73.2	74.2	74.8	75.2	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 4000	68.8	73.6	74.6	75.3	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3500	70.0	75.1	76.2	77.1	77.6	77.6	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000	71.7	76.9	78.1	79.4	80.1	80.2	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500	72.9	78.4	79.7	81.3	82.3	82.3	82.9	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3
≥ 2000	74.3	80.0	81.5	83.4	84.6	84.7	85.3	85.7	85.7	85.8	85.9	85.9	85.9	86.0	86.0	86.0
≥ 1800	74.3	80.1	81.6	83.6	84.8	84.9	85.6	85.9	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3
≥ 1500	74.8	81.0	82.6	84.5	85.9	86.0	86.6	87.2	87.3	87.3	87.4	87.4	87.5	87.6	87.6	87.6
≥ 1200	75.0	82.0	83.6	85.6	87.4	87.6	88.2	88.8	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2
≥ 1000	75.1	82.2	83.8	86.0	87.9	88.0	88.6	89.2	89.4	89.6	89.7	89.7	89.9	89.9	89.9	89.9
≥ 900	75.2	82.3	83.9	86.1	87.9	88.2	88.9	89.5	89.6	89.9	89.9	89.9	90.1	90.2	90.2	90.2
≥ 800	75.8	82.7	84.4	86.7	88.7	88.9	89.7	90.2	90.4	90.8	90.9	90.9	91.2	91.2	91.2	91.2
≥ 700	75.6	82.8	84.9	87.2	89.3	89.6	90.5	91.0	91.2	91.8	91.9	91.9	92.2	92.3	92.3	92.3
≥ 600	75.6	82.8	84.9	87.4	89.6	89.9	90.8	91.4	91.7	92.3	92.4	92.4	92.6	92.8	92.8	92.8
≥ 500	75.6	82.8	84.9	87.4	89.8	90.2	91.2	92.3	92.9	93.9	94.3	94.3	95.3	95.5	95.5	95.5
≥ 400	75.6	82.8	84.9	87.5	89.9	90.3	91.5	92.8	93.2	94.2	94.6	94.6	95.6	96.2	96.2	96.2
≥ 300	75.6	82.8	84.9	87.6	90.2	90.7	91.9	93.1	93.6	94.8	95.2	95.2	96.2	97.2	97.3	97.3
≥ 200	75.6	82.8	84.9	87.6	90.2	90.7	91.9	93.1	93.6	94.8	95.2	95.2	96.2	97.2	97.3	97.3
≥ 100	75.6	82.8	84.9	87.6	90.2	90.7	91.9	93.1	93.6	94.8	95.2	95.2	96.2	97.2	98.3	98.3
0	75.6	82.8	84.9	87.6	90.2	90.7	91.9	93.1	93.6	94.8	95.2	95.2	96.2	97.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1302

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000 (HOUR (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.5	54.1	55.0	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	55.8	59.3	60.4	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 18000	55.9	59.4	60.4	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 16000	56.1	59.6	60.7	61.2	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 14000	56.6	60.1	61.3	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	57.2	61.2	62.2	62.7	62.7	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 10000	59.2	63.5	65.0	65.5	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 9000	60.3	64.6	66.2	66.7	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	61.9	66.3	68.0	68.7	68.9	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 7000	63.3	67.7	69.6	70.4	70.6	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 6000	64.1	68.7	70.6	71.4	71.6	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 5000	65.8	70.9	72.8	73.6	73.9	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	67.4	72.7	74.7	75.7	76.0	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 4000	67.7	73.1	75.2	76.3	77.0	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500	68.0	74.2	76.0	77.5	78.3	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3000	69.1	74.8	77.2	78.6	79.6	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2500	69.9	75.8	78.3	79.8	81.2	81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2000	70.9	77.0	79.6	81.3	83.2	83.6	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1800	71.0	77.2	79.8	82.0	83.7	84.1	84.6	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1500	71.6	77.8	80.6	83.3	85.1	85.5	86.1	86.3	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1200	71.6	78.5	81.6	84.5	86.5	86.9	87.6	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	71.6	78.7	81.9	84.7	87.3	87.9	88.6	89.2	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6
≥ 900	71.6	78.7	81.9	84.8	87.6	88.0	88.7	89.2	89.2	89.6	89.8	89.8	89.8	89.8	89.8	89.8
≥ 800	71.8	78.9	82.2	85.2	88.2	88.6	89.3	89.8	90.0	90.2	90.5	90.7	90.7	90.8	90.8	90.8
≥ 700	71.7	79.2	82.5	85.6	88.9	89.4	90.3	91.0	91.2	91.6	91.9	91.9	91.9	91.9	91.9	91.9
≥ 600	71.7	79.3	82.6	85.9	89.6	90.2	91.2	91.9	92.1	92.7	93.1	93.1	93.2	93.2	93.2	93.2
≥ 500	71.7	79.3	82.6	86.0	90.2	91.0	92.2	92.9	93.1	93.7	94.3	94.3	94.6	94.6	94.6	94.6
≥ 400	71.7	79.3	82.6	86.0	90.3	91.4	92.9	93.9	94.2	94.9	95.7	95.9	96.1	96.2	96.2	96.2
≥ 300	71.7	79.3	82.6	86.2	90.9	91.9	93.5	95.0	95.4	96.2	97.1	97.4	97.7	98.0	98.2	98.2
≥ 200	71.7	79.3	82.6	86.2	90.9	91.9	93.6	95.0	95.4	96.2	97.4	97.7	98.0	98.2	98.3	98.4
≥ 100	71.7	79.3	82.6	86.2	90.9	91.9	93.6	95.1	95.7	96.5	97.7	98.0	98.6	99.1	99.3	99.7
≥ 0	71.7	79.3	82.6	86.2	90.9	91.9	93.6	95.2	95.8	96.7	97.8	98.2	98.8	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1202

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.9	53.0	54.4	55.1	55.7	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1
≥ 20000	53.6	56.4	57.8	58.7	59.2	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.8	59.8
≥ 18000	53.7	56.5	57.9	58.8	59.4	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8
≥ 16000	54.0	56.8	58.2	59.1	59.7	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1
≥ 14000	54.6	57.5	58.9	59.8	60.4	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8
≥ 12000	58.8	58.9	60.4	61.2	61.8	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.3	62.3
≥ 10000	57.8	61.4	63.1	64.1	64.7	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1
≥ 9000	59.0	62.7	64.4	65.4	66.0	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.5	66.5
≥ 8000	59.8	63.7	65.4	66.4	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6
≥ 7000	60.9	65.3	67.0	68.0	68.6	68.7	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.1	69.1
≥ 6000	62.4	67.0	68.7	69.7	70.4	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9	70.9
≥ 5000	63.4	68.4	70.2	71.3	72.2	72.3	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.7	72.7
≥ 4500	64.9	69.8	71.8	73.3	74.0	74.0	74.3	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.7	74.7
≥ 4000	65.2	70.1	72.1	73.7	74.7	74.8	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.5	75.5
≥ 3500	66.4	71.7	73.7	75.3	76.3	76.7	76.9	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.3	77.3
≥ 3000	67.2	73.0	75.2	77.1	78.4	78.6	78.8	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.3	79.3
≥ 2500	67.7	74.0	76.3	78.6	80.3	80.4	80.7	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.3	81.3
≥ 2000	68.6	75.3	77.8	80.3	82.1	82.3	82.6	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.2	83.2
≥ 1800	68.7	75.5	78.2	80.8	82.6	82.8	83.2	83.4	83.4	83.5	83.5	83.5	83.6	83.6	83.7	83.7
≥ 1500	69.4	76.4	79.3	82.0	83.9	84.2	84.6	85.1	85.1	85.4	85.4	85.4	85.5	85.5	85.6	85.6
≥ 1200	69.4	76.8	79.6	82.4	84.3	84.7	85.3	86.3	86.3	86.8	86.8	86.8	86.9	86.9	87.0	87.0
≥ 1000	69.5	77.0	79.9	82.7	84.6	85.0	85.6	86.7	86.7	87.2	87.2	87.2	87.3	87.3	87.4	87.4
≥ 900	69.5	77.1	80.0	82.9	84.8	85.2	85.8	86.9	86.9	87.4	87.4	87.4	87.5	87.5	87.6	87.6
≥ 800	69.5	77.1	80.0	82.9	84.8	85.2	85.8	86.9	86.9	87.4	87.4	87.4	87.5	87.5	87.6	87.6
≥ 700	69.8	77.1	80.0	83.2	85.1	85.5	86.1	87.2	87.2	87.7	87.7	87.7	87.8	87.8	87.9	87.9
≥ 600	69.7	77.4	80.4	83.6	85.7	86.1	86.8	87.9	87.9	88.4	88.4	88.4	88.5	88.5	88.6	88.6
≥ 500	69.7	77.4	80.4	83.8	85.8	86.2	86.9	88.0	88.0	88.5	88.5	88.5	88.6	88.6	88.7	88.7
≥ 400	69.7	77.4	80.4	83.8	85.8	86.2	86.9	88.0	88.0	88.5	88.5	88.5	88.6	88.6	88.7	88.7
≥ 300	69.7	77.4	80.4	83.8	85.8	86.2	86.9	88.0	88.0	88.5	88.5	88.5	88.6	88.6	88.7	88.7
≥ 200	69.7	77.4	80.4	83.8	85.8	86.2	86.9	88.0	88.0	88.5	88.5	88.5	88.6	88.6	88.7	88.7
≥ 100	69.7	77.4	80.4	83.8	85.8	86.2	86.9	88.0	88.0	88.5	88.5	88.5	88.6	88.6	88.7	88.7
≥ 0	69.7	77.4	80.4	83.8	85.8	86.2	86.9	88.0	88.0	88.5	88.5	88.5	88.6	88.6	88.7	88.7

TOTAL NUMBER OF OBSERVATIONS 1302

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.3	56.3	56.8	57.4	57.8	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
≥ 20000	55.5	58.7	59.4	60.0	60.4	60.6	60.6	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.9
≥ 18000	55.6	58.8	59.5	60.1	60.5	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	61.0
≥ 16000	55.9	59.1	59.7	60.3	60.8	60.9	60.9	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.3
≥ 14000	56.5	59.9	60.6	61.2	61.6	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.1
≥ 12000	57.0	60.4	61.2	61.8	62.2	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.7
≥ 10000	59.6	63.3	64.1	64.6	65.1	65.3	65.3	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.7
≥ 9000	60.2	64.0	64.7	65.3	65.8	66.0	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.3
≥ 8000	61.3	65.4	66.2	66.9	67.4	67.6	67.6	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.9
≥ 7000	62.5	66.8	67.7	68.5	69.0	69.2	69.2	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.5
≥ 6000	63.0	67.8	68.9	69.7	70.2	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.7
≥ 5000	63.3	68.9	70.0	71.1	71.6	71.7	71.7	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.1
≥ 4500	64.5	69.9	71.1	72.2	72.6	73.0	73.0	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3
≥ 4000	65.7	71.2	72.4	73.6	74.2	74.3	74.3	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.7
≥ 3500	66.4	72.4	73.7	75.2	75.8	75.9	75.9	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.3
≥ 3000	68.1	74.3	75.7	77.3	77.9	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.4
≥ 2500	69.3	75.7	77.1	78.9	79.8	80.0	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.4
≥ 2000	70.8	77.9	79.4	81.4	82.4	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.2
≥ 1800	71.1	78.1	79.7	81.8	83.0	83.4	83.6	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	84.0
≥ 1500	71.6	78.9	80.6	82.8	84.0	84.5	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	85.2
≥ 1200	72.2	79.7	81.4	84.0	85.7	86.3	86.6	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.2
≥ 1000	72.5	80.1	82.0	85.1	87.1	87.7	88.4	88.6	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.3
≥ 900	72.6	80.5	82.4	85.5	87.7	88.4	89.0	89.3	89.5	89.8	89.9	89.9	89.9	89.9	89.9	90.0
≥ 800	72.8	80.8	82.8	85.9	88.1	88.8	89.3	89.8	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.6
≥ 700	72.8	80.8	82.9	86.0	88.4	89.1	90.0	90.4	90.5	91.0	91.1	91.1	91.3	91.3	91.3	91.5
≥ 600	72.8	80.9	83.0	86.2	88.8	89.5	90.3	90.8	91.0	91.5	91.8	91.8	92.2	92.2	92.2	92.4
≥ 500	72.8	81.1	83.2	86.7	89.3	90.2	91.1	91.8	92.2	92.8	93.3	93.3	93.7	93.7	93.8	93.9
≥ 400	72.8	81.1	83.2	86.8	89.8	90.5	91.6	92.6	93.0	93.7	94.3	94.3	94.6	94.6	94.7	94.9
≥ 300	72.8	81.2	83.4	86.9	90.1	91.0	92.3	93.8	94.2	94.9	95.6	95.6	96.2	96.2	96.3	96.5
≥ 200	72.8	81.2	83.4	86.9	90.2	91.1	92.7	94.0	94.5	95.2	96.0	96.0	97.0	97.0	97.0	97.2
≥ 100	72.8	81.2	83.4	86.9	90.3	91.1	92.7	94.0	94.5	95.4	96.4	96.5	97.1	97.8	98.9	99.3
0	72.8	81.2	83.4	86.9	90.3	91.1	92.7	94.0	94.5	95.4	96.4	96.5	97.1	98.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1183

USAF ETAC FORM AUG 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0200-0500 (HOUR (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.0	53.0	53.5	54.2	54.5	54.6	54.6	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	55.1
≥ 20000	53.2	56.3	56.8	57.5	57.8	57.9	57.9	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.4
≥ 18000	53.3	56.5	57.0	57.6	58.0	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.6
≥ 16000	53.4	56.5	57.0	57.7	58.1	58.1	58.1	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.6
≥ 14000	54.2	57.3	57.8	58.5	58.8	58.9	58.9	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.4
≥ 12000	54.9	58.1	58.6	59.3	59.7	59.7	59.7	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	60.3
≥ 10000	56.8	60.3	60.8	61.7	62.0	62.1	62.1	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.6
≥ 9000	57.0	60.7	61.2	62.1	62.4	62.5	62.5	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	63.0
≥ 8000	58.6	62.4	62.9	64.1	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	65.0
≥ 7000	60.2	64.7	65.3	66.6	66.9	67.0	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.5
≥ 6000	60.5	65.3	65.9	67.2	67.5	67.6	67.6	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	68.1
≥ 5000	61.4	66.2	67.8	69.5	70.0	70.0	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.5
≥ 4500	62.0	67.6	68.5	70.2	70.6	70.7	70.7	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	71.2
≥ 4000	62.1	68.9	69.8	71.5	71.9	72.0	72.0	72.0	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.5
≥ 3500	64.1	70.3	71.3	73.2	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.2
≥ 3000	65.3	71.9	73.1	74.8	75.3	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.9
≥ 2500	66.6	73.7	75.2	76.9	77.6	77.6	77.6	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	78.1
≥ 2000	68.6	75.9	77.6	79.3	80.4	80.5	80.5	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	81.0
≥ 1800	69.1	76.8	78.6	80.6	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.3
≥ 1500	70.3	78.4	80.3	82.4	83.9	84.1	84.2	84.2	84.3	84.4	84.7	84.7	84.7	84.7	84.7	85.1
≥ 1200	70.4	79.0	81.0	83.2	84.9	85.1	85.2	85.2	85.3	85.4	86.2	86.3	86.3	86.3	86.3	86.8
≥ 1000	70.4	79.1	81.2	83.7	86.0	86.3	86.4	86.4	86.5	86.6	87.8	88.0	88.4	88.9	88.9	89.2
≥ 900	70.5	79.2	81.4	83.9	86.2	86.5	86.6	86.6	86.7	86.8	88.5	88.8	88.9	89.1	89.1	89.5
≥ 800	70.5	79.4	81.6	84.6	86.9	87.4	87.5	87.5	87.6	87.7	89.2	89.5	90.1	90.2	90.3	90.8
≥ 700	70.8	79.8	82.1	85.0	87.4	88.1	88.3	90.2	90.4	90.8	91.2	91.3	91.6	91.6	91.6	92.0
≥ 600	70.8	80.1	82.3	85.6	88.4	89.1	90.3	91.0	91.8	92.4	93.0	93.1	93.6	93.6	93.6	93.9
≥ 500	70.8	80.3	82.6	85.7	88.5	89.2	90.7	91.8	92.0	92.8	93.6	93.7	94.2	94.2	94.3	94.6
≥ 400	70.8	80.3	82.6	85.7	88.5	89.2	90.7	91.8	92.0	92.8	93.6	93.7	94.2	94.4	94.4	94.8
≥ 300	70.8	80.3	82.6	85.7	89.1	90.0	92.0	93.7	93.8	94.9	95.9	95.9	96.6	96.7	96.9	97.2
≥ 200	70.8	80.3	82.6	85.7	89.1	90.0	92.7	94.1	94.3	95.3	96.6	96.9	97.7	97.9	98.1	98.6
≥ 100	70.8	80.3	82.6	85.7	89.1	90.0	92.7	94.2	94.4	95.3	96.9	97.2	98.2	98.4	99.1	99.6
0	70.8	80.3	82.6	85.7	89.1	90.0	92.7	94.2	94.4	95.3	96.9	97.2	98.2	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1183

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0800 (HOUR (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.7	48.9	50.0	51.1	51.6	51.6	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.9
≥ 20000	49.4	51.9	53.2	54.4	54.9	54.9	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.2
≥ 18000	49.5	52.1	53.4	54.6	55.0	55.1	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.4
≥ 16000	49.7	52.3	53.8	54.9	55.4	55.4	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.7
≥ 14000	50.0	52.7	54.1	55.4	55.8	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.1
≥ 12000	50.7	53.4	54.9	56.1	56.5	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.9
≥ 10000	53.3	56.3	57.8	59.1	59.6	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.9
≥ 9000	53.6	56.8	58.4	59.8	60.3	60.4	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.7
≥ 8000	54.3	57.9	59.7	61.4	62.0	62.1	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 7000	56.1	60.0	62.0	64.3	65.0	65.1	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.5
≥ 6000	57.0	61.9	64.0	65.7	66.5	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	67.0
≥ 5000	59.0	64.3	66.5	68.4	69.3	69.5	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.8
≥ 4500	60.5	66.1	68.4	70.3	71.5	71.6	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	72.0
≥ 4000	61.8	67.3	69.6	71.6	72.8	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3
≥ 3500	62.1	68.2	70.7	72.7	74.0	74.2	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.6
≥ 3000	62.8	69.3	72.0	74.0	75.4	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 2500	64.5	71.2	74.1	76.3	78.0	78.1	78.2	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000	65.9	73.5	76.5	79.2	81.0	81.2	81.3	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.8
≥ 1800	66.5	74.3	77.3	80.0	81.9	82.0	82.2	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.7
≥ 1500	67.2	75.5	78.6	81.4	83.4	83.5	83.8	84.1	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.5
≥ 1200	67.8	76.5	79.7	82.5	84.7	84.9	85.1	85.6	85.7	86.1	86.1	86.2	86.2	86.2	86.2	86.2
≥ 1000	68.0	76.9	80.3	83.3	85.7	85.9	86.0	87.2	87.8	88.4	88.4	88.5	88.5	88.5	88.5	88.6
≥ 900	68.2	77.3	80.7	84.0	86.8	86.9	87.0	88.4	88.8	89.5	89.5	89.5	89.5	89.5	89.5	89.6
≥ 800	68.2	77.6	80.8	84.3	87.1	87.3	87.4	88.9	89.4	90.2	90.4	90.5	90.5	90.6	90.6	90.7
≥ 700	68.2	77.6	81.0	84.6	87.4	87.7	88.0	89.5	90.0	91.0	91.5	91.6	91.7	91.8	91.8	91.9
≥ 600	68.2	77.6	81.0	84.9	87.7	88.0	88.3	89.9	90.5	91.6	92.2	92.3	92.5	92.6	92.7	92.7
≥ 500	68.2	77.6	81.0	84.9	87.8	88.3	88.7	90.3	91.2	92.6	93.2	93.4	93.7	93.8	93.9	94.0
≥ 400	68.2	77.6	81.1	85.1	88.1	88.5	89.0	91.0	91.8	93.3	94.1	94.3	94.6	94.7	94.9	94.9
≥ 300	68.2	77.7	81.2	85.2	88.3	89.1	90.7	92.1	92.9	94.6	95.9	96.3	96.8	96.9	97.0	97.1
≥ 200	68.2	77.7	81.2	85.2	88.3	89.1	90.9	92.2	93.1	94.8	96.2	96.5	97.4	97.6	98.2	98.4
≥ 100	68.2	77.7	81.2	85.2	88.3	89.1	90.9	92.2	93.1	94.8	96.3	96.6	97.5	97.8	98.6	99.0
0	68.2	77.7	81.2	85.2	88.3	89.1	90.9	92.2	93.1	94.8	96.3	96.6	97.5	97.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1189

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.4	48.9	49.6	50.3	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 20000	51.7	54.5	55.6	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6
≥ 18000	51.7	54.5	55.6	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6
≥ 16000	51.8	54.6	55.7	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7
≥ 14000	52.9	55.9	57.0	57.7	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0
≥ 12000	54.1	57.2	58.4	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4
≥ 10000	56.2	59.7	61.0	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3
≥ 9000	56.9	60.7	62.1	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4
≥ 8000	57.7	62.1	63.6	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0
≥ 7000	59.2	64.0	65.5	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 6000	60.4	66.0	67.6	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 5000	61.7	67.7	69.3	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7
≥ 4500	63.0	69.2	70.9	72.2	72.7	72.7	72.7	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0
≥ 4000	64.4	70.8	72.3	73.8	74.3	74.3	74.3	74.4	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.6
≥ 3500	65.1	71.6	73.6	75.0	75.5	75.5	75.6	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9
≥ 3000	65.9	72.5	74.5	76.2	76.8	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2
≥ 2500	67.4	74.7	76.8	78.8	79.5	79.6	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0
≥ 2000	69.0	76.6	78.7	80.9	81.8	81.9	82.2	82.3	82.3	82.6	82.6	82.7	82.8	82.8	82.8	82.8
≥ 1800	69.5	77.2	79.3	81.5	82.4	82.5	82.9	83.3	83.3	83.5	83.5	83.6	83.7	83.7	83.7	83.7
≥ 1500	69.8	77.6	79.9	82.3	83.3	83.4	83.9	84.8	84.9	85.3	85.3	85.4	85.5	85.5	85.5	85.5
≥ 1200	70.0	78.1	80.3	82.7	83.8	84.0	84.3	85.7	85.8	86.6	86.7	86.8	86.8	86.8	86.8	86.8
≥ 1000	70.0	78.3	80.8	83.3	84.6	84.8	85.3	86.7	86.9	87.8	88.0	88.1	88.3	88.3	88.3	88.3
≥ 900	70.1	78.6	80.9	83.5	84.7	85.1	85.7	87.1	87.3	88.4	88.5	88.6	88.8	88.8	88.8	88.8
≥ 800	70.2	78.8	81.1	83.8	85.4	85.9	86.3	87.8	88.2	89.3	89.7	89.8	90.0	90.0	90.0	90.2
≥ 700	70.2	78.9	81.2	84.0	85.6	86.1	86.7	88.1	88.4	89.8	90.2	90.3	90.6	90.6	90.6	90.8
≥ 600	70.2	79.1	81.4	84.2	85.9	86.6	87.1	88.6	88.9	90.5	91.0	91.1	91.5	91.5	91.6	91.8
≥ 500	70.2	79.1	81.4	84.4	86.4	86.9	88.0	89.4	90.0	91.7	92.4	92.7	93.2	93.3	93.7	93.8
≥ 400	70.2	79.1	81.4	84.7	86.8	87.3	88.6	90.4	90.8	92.7	93.6	93.9	94.9	95.0	95.5	95.7
≥ 300	70.2	79.1	81.4	84.7	86.8	87.4	89.0	90.8	91.3	93.7	95.0	95.4	96.5	96.8	97.3	97.5
≥ 200	70.2	79.1	81.4	84.7	86.8	87.4	89.0	90.8	91.3	93.8	95.2	95.5	96.6	97.0	98.0	98.6
≥ 100	70.2	79.1	81.4	84.7	86.8	87.4	89.0	90.8	91.3	93.8	95.4	95.7	96.9	97.4	98.3	99.2
≥ 0	70.2	79.1	81.4	84.7	86.8	87.4	89.0	90.8	91.3	93.8	95.4	95.7	96.9	97.4	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1185

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.0	50.0	50.0	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 20000	54.3	56.5	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 18000	54.5	56.7	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 16000	54.6	56.8	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 14000	55.4	57.7	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 12000	57.6	60.2	60.3	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	60.4	63.3	63.5	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000	61.2	64.1	64.2	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 8000	63.0	66.0	66.2	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 7000	64.6	67.7	67.9	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 6000	65.6	68.6	68.9	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 5000	66.6	69.8	70.0	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4500	68.0	71.4	71.8	72.4	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4000	69.4	72.9	73.5	74.1	74.4	74.4	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3500	71.0	74.8	75.4	76.0	76.5	76.5	76.5	76.7	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3000	72.6	76.3	77.0	77.7	78.2	78.2	78.2	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2500	73.9	78.1	79.0	79.8	80.7	80.7	80.7	80.8	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2000	75.0	79.7	80.7	81.6	82.6	82.6	82.6	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1800	75.4	80.3	81.3	82.3	83.3	83.3	83.3	83.5	83.5	83.6	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1500	75.9	80.9	82.1	83.1	84.2	84.2	84.2	84.4	84.5	84.6	84.8	85.0	85.1	85.1	85.1	85.1
≥ 1200	75.9	81.1	82.3	83.6	84.9	85.1	85.4	85.7	86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1000	75.9	81.4	82.6	84.1	85.4	85.7	86.2	86.6	86.9	87.2	87.5	87.5	87.5	87.5	87.5	87.5
≥ 900	75.9	81.4	82.7	84.1	85.5	85.7	86.2	86.7	87.2	87.8	87.9	87.9	87.9	87.9	87.9	87.9
≥ 800	75.9	81.9	83.2	84.8	86.2	86.5	87.0	87.5	88.1	88.9	89.1	89.2	89.2	89.3	89.3	89.3
≥ 700	75.9	81.9	83.4	85.0	86.4	86.8	87.3	87.9	88.5	89.4	89.5	89.6	89.7	89.9	90.1	90.1
≥ 600	75.9	82.2	83.6	85.3	86.8	87.1	87.8	88.4	89.1	90.0	90.9	91.0	91.1	91.4	91.6	91.6
≥ 500	75.9	82.4	83.8	85.6	87.4	87.8	88.3	89.3	90.0	92.0	92.5	92.7	93.1	93.4	93.8	93.8
≥ 400	75.9	82.4	83.9	85.7	87.6	88.0	88.6	89.8	90.5	92.6	93.1	93.3	94.0	94.4	94.8	94.8
≥ 300	75.9	82.4	83.9	85.7	87.7	88.1	88.7	90.7	91.5	93.7	94.2	94.7	95.4	95.9	96.7	96.7
≥ 200	75.9	82.4	83.9	85.7	87.7	88.1	88.8	90.7	91.5	93.8	94.3	94.9	95.9	97.0	98.1	98.3
≥ 100	75.9	82.4	83.9	85.7	87.7	88.1	88.9	90.7	91.5	93.8	94.5	95.1	96.1	97.4	98.8	99.5
0	75.9	82.4	83.9	85.7	87.7	88.1	88.9	90.7	91.5	93.8	94.5	95.1	96.1	97.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1189

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.7	52.4	52.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 20000	58.4	59.1	59.3	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 18000	58.6	59.2	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 16000	58.8	59.5	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 14000	59.2	60.0	60.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 12000	60.8	61.7	62.1	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7
≥ 10000	63.5	64.6	65.1	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8
≥ 9000	64.3	65.5	65.9	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7
≥ 8000	66.6	67.8	68.3	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0
≥ 7000	68.9	70.1	70.8	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.9
≥ 6000	69.6	71.1	71.8	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0
≥ 5000	70.7	72.6	73.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6
≥ 4500	71.6	73.6	74.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6
≥ 4000	73.0	75.4	76.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.4
≥ 3500	73.8	76.5	77.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8
≥ 3000	75.4	78.2	79.2	80.3	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8
≥ 2500	76.1	79.2	80.2	81.3	81.5	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.9	81.9	81.9	82.0
≥ 2000	77.0	80.1	81.1	82.2	82.5	82.7	82.8	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.2
≥ 1800	77.3	80.7	81.7	83.0	83.3	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.8	83.8	83.8	84.0
≥ 1500	77.6	81.4	82.4	83.6	84.1	84.2	84.3	84.3	84.4	84.4	84.6	84.7	84.9	84.9	84.9	85.1
≥ 1200	77.9	81.7	82.7	84.2	84.7	85.0	85.2	85.4	85.5	85.6	85.7	85.7	85.9	85.9	85.9	86.1
≥ 1000	78.0	81.8	82.8	84.4	85.1	85.4	85.7	85.9	86.1	86.2	86.4	86.3	86.7	86.7	86.7	86.8
≥ 900	78.1	81.9	82.9	84.6	85.2	85.6	85.9	86.2	86.4	86.7	86.8	87.0	87.3	87.3	87.3	87.4
≥ 800	78.1	82.1	83.1	84.9	85.7	86.2	86.6	87.0	87.3	87.5	87.8	88.0	88.4	88.4	88.4	88.5
≥ 700	78.1	82.2	83.3	85.3	86.2	86.8	87.3	87.8	88.1	88.5	88.9	89.1	89.5	89.6	89.6	89.9
≥ 600	78.3	82.4	83.6	85.8	86.8	87.3	88.0	88.6	88.9	89.4	89.9	90.0	90.8	90.9	90.9	91.1
≥ 500	78.3	82.5	83.7	86.0	87.3	87.8	88.6	89.5	90.2	91.4	92.1	92.5	93.4	93.5	93.6	93.8
≥ 400	78.3	82.5	83.7	86.0	87.4	88.1	88.9	90.1	91.0	92.3	93.2	93.8	94.9	94.9	95.0	95.2
≥ 300	78.3	82.5	83.7	86.1	87.7	88.4	89.3	90.7	91.6	93.2	94.4	94.9	96.1	96.2	96.7	97.0
≥ 200	78.3	82.5	83.7	86.1	87.7	88.4	89.3	90.7	91.6	93.6	95.2	95.8	97.4	97.6	98.2	98.9
≥ 100	78.3	82.5	83.7	86.1	87.7	88.4	89.3	90.7	91.6	93.6	95.2	95.8	97.4	97.6	98.4	99.4
≥ 0	78.3	82.5	83.7	86.1	87.7	88.4	89.3	90.7	91.6	93.6	95.2	95.8	97.4	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1182

USAF ETAC FORM JUL 66 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-2000 HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.5	55.4	55.9	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1
≥ 20000	58.6	60.8	61.4	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5
≥ 18000	59.1	61.3	61.8	62.4	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 16000	59.2	61.4	61.9	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1
≥ 14000	59.9	62.2	62.7	63.4	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9
≥ 12000	61.5	63.9	64.4	65.1	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6
≥ 10000	62.6	65.5	66.0	66.7	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3
≥ 9000	62.7	65.6	66.1	66.8	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 8000	64.6	67.8	68.4	69.1	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
≥ 7000	68.9	69.4	70.0	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7
≥ 6000	67.0	70.6	71.3	72.2	72.8	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1
≥ 5000	67.9	72.0	72.9	73.8	74.5	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8
≥ 4500	68.7	73.1	74.0	74.9	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 4000	69.3	74.3	75.2	76.1	76.9	76.9	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.2
≥ 3500	69.8	75.2	76.1	77.1	77.9	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2
≥ 3000	71.1	76.8	77.7	78.9	79.9	79.9	79.9	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3
≥ 2500	71.9	78.1	79.3	80.6	81.9	81.9	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.3
≥ 2000	72.9	79.6	80.9	81.9	83.4	83.5	83.5	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 1800	73.3	79.8	81.2	82.5	84.1	84.2	84.3	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.8
≥ 1500	73.7	80.4	82.0	83.5	85.2	85.3	85.4	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	86.0
≥ 1200	73.8	80.7	82.4	84.1	86.0	86.3	86.5	86.9	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1000	73.8	81.0	82.7	84.7	86.7	87.0	87.3	87.8	87.8	88.0	88.2	88.3	88.3	88.3	88.3	88.4
≥ 900	73.8	81.1	82.8	84.8	86.9	87.5	87.8	88.4	88.4	88.7	88.9	88.9	88.9	88.9	88.9	89.0
≥ 800	73.8	81.2	82.9	85.0	87.2	87.9	88.2	89.0	89.0	89.4	89.6	89.6	89.7	89.7	89.7	89.8
≥ 700	73.8	81.3	83.0	85.3	87.7	88.3	88.7	89.4	89.4	89.8	90.0	90.0	90.1	90.1	90.1	90.2
≥ 600	73.8	81.3	83.0	85.4	88.0	88.7	89.2	90.1	90.1	90.4	91.1	91.1	91.2	91.2	91.2	91.3
≥ 500	73.8	81.4	83.2	85.7	88.8	89.5	90.2	91.2	91.2	92.2	92.8	92.8	93.2	93.2	93.2	93.6
≥ 400	73.8	81.4	83.4	85.8	89.1	90.0	90.7	91.9	92.0	93.1	94.1	94.1	94.9	94.9	94.9	94.9
≥ 300	73.8	81.4	83.4	85.9	89.2	90.4	91.2	92.4	92.6	94.1	95.1	95.1	96.3	96.3	96.3	96.5
≥ 200	73.8	81.4	83.4	85.9	89.3	90.5	91.4	92.7	92.9	94.7	95.9	95.9	97.6	97.6	98.0	98.2
≥ 100	73.8	81.4	83.4	85.9	89.3	90.5	91.4	92.7	92.9	94.9	96.2	96.2	98.1	98.6	99.2	99.5
≥ 0	73.8	81.4	83.4	85.9	89.3	90.5	91.4	92.7	92.9	94.9	96.2	96.2	98.1	98.6	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1183

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04743~~ STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~2100-2300~~ HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.4	57.5	57.8	58.2	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	59.2
≥ 20000	58.3	60.8	61.1	61.8	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.4
≥ 18000	58.5	60.9	61.3	61.7	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.6
≥ 16000	58.7	61.2	61.5	61.9	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.9
≥ 14000	59.4	62.0	62.4	62.8	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.7
≥ 12000	60.6	63.4	63.8	64.2	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	65.1
≥ 10000	62.3	65.4	65.8	66.2	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	67.2
≥ 9000	62.8	65.9	66.3	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.7
≥ 8000	64.1	67.5	67.9	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.3
≥ 7000	64.3	70.0	70.4	70.9	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.8
≥ 6000	67.1	70.9	71.3	71.8	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.9
≥ 5000	68.3	72.2	72.7	73.2	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.3
≥ 4500	69.0	73.2	73.7	74.3	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.4
≥ 4000	69.6	73.8	74.3	75.0	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.3
≥ 3500	70.0	74.7	75.2	75.9	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.2
≥ 3000	71.1	76.1	76.8	77.7	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.2
≥ 2500	71.8	77.1	78.0	78.9	79.8	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.7
≥ 2000	73.0	78.7	79.8	80.8	81.9	81.9	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	83.0
≥ 1800	73.6	79.3	80.4	81.7	82.8	82.8	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.8
≥ 1500	74.1	79.9	81.2	82.0	83.7	83.8	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	84.1
≥ 1200	74.5	80.6	82.0	83.9	85.7	85.9	86.0	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.3	87.5
≥ 1000	74.7	80.8	82.5	84.4	86.4	86.8	87.9	88.1	88.2	88.3	88.4	88.4	88.4	88.4	88.5	88.7
≥ 900	74.8	80.9	82.6	84.5	86.7	87.1	88.2	88.4	88.4	88.5	88.6	88.6	88.6	88.6	88.7	88.9
≥ 800	74.8	80.9	82.7	84.6	86.9	87.3	88.4	88.8	88.9	89.2	89.3	89.3	89.4	89.4	89.5	89.7
≥ 700	74.8	81.0	82.9	84.7	87.4	87.8	89.2	89.5	89.6	90.0	90.0	90.0	90.1	90.1	90.2	90.3
≥ 600	74.8	81.1	83.0	84.8	87.7	88.4	89.7	90.1	90.2	90.3	90.4	90.4	90.4	90.4	90.5	91.1
≥ 500	74.8	81.2	83.2	85.1	88.8	89.8	90.9	91.6	91.6	92.2	92.4	92.4	92.7	92.7	92.8	93.1
≥ 400	74.8	81.2	83.2	85.2	88.9	89.7	91.4	92.1	92.2	92.8	93.2	93.4	93.6	93.6	93.7	93.9
≥ 300	74.8	81.2	83.2	85.2	89.0	90.0	91.7	92.8	93.2	94.1	94.7	94.9	95.2	95.4	95.5	95.9
≥ 200	74.8	81.2	83.3	85.3	89.2	90.4	92.3	93.3	93.9	95.0	95.9	96.0	96.4	97.0	97.2	97.6
≥ 100	74.8	81.2	83.3	85.3	89.3	90.5	92.5	93.6	94.0	95.1	95.9	96.1	96.9	97.7	98.3	98.9
0	74.8	81.2	83.3	85.3	89.3	90.6	92.5	93.6	94.0	95.1	95.9	96.1	97.0	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1183

USAF ETAC FORM AUG 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.8	53.6	54.5	55.1	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 20000	51.2	55.1	56.1	56.7	57.4	57.4	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.9	58.0
≥ 18000	51.3	55.2	56.1	56.8	57.7	57.7	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	58.0	58.1
≥ 16000	51.4	55.3	56.2	56.8	57.8	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.1	58.1
≥ 14000	51.7	55.6	56.5	57.1	58.1	58.1	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.4	58.4
≥ 12000	52.3	56.3	57.2	57.8	58.8	58.8	58.8	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.1	59.1
≥ 10000	53.8	57.9	58.8	59.4	60.4	60.4	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.8	60.8
≥ 9000	54.0	58.1	59.1	59.7	60.6	60.6	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.1
≥ 8000	55.3	59.9	60.8	61.4	62.4	62.4	62.5	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.8
≥ 7000	56.1	61.1	62.1	62.9	63.8	63.9	64.2	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.5
≥ 6000	57.3	62.6	63.7	64.7	65.6	65.7	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.3
≥ 5000	58.7	63.4	64.5	65.6	66.5	66.6	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.2
≥ 4500	61.9	68.0	69.2	70.3	71.2	71.3	71.6	71.6	71.6	71.7	71.8	71.8	71.8	71.8	71.9	72.0
≥ 4000	63.1	69.3	70.4	71.9	72.8	72.9	73.2	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.5	73.6
≥ 3500	64.4	71.2	72.6	73.8	74.7	74.8	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.4	75.5
≥ 3000	66.4	73.6	74.9	76.3	77.4	77.5	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.1	78.2
≥ 2500	67.4	75.0	76.5	78.1	79.3	79.4	79.7	79.7	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.1
≥ 2000	67.8	76.3	78.3	80.0	81.4	81.5	81.8	81.8	81.8	82.0	82.1	82.1	82.1	82.1	82.2	82.3
≥ 1800	68.0	76.8	78.8	80.5	82.1	82.2	82.5	82.5	82.5	82.7	82.8	82.8	82.8	82.8	82.9	82.9
≥ 1500	68.4	77.3	79.5	81.3	82.9	83.0	83.4	83.4	83.4	83.6	83.7	83.7	83.7	83.7	83.8	83.9
≥ 1200	68.7	77.7	80.4	82.4	84.3	84.3	84.8	84.8	84.8	85.1	85.2	85.2	85.2	85.2	85.3	85.3
≥ 1000	68.7	77.8	80.7	82.8	84.9	85.0	85.6	85.7	85.7	86.0	86.2	86.2	86.2	86.2	86.3	86.3
≥ 900	68.7	77.9	80.9	83.0	85.4	85.5	86.1	86.2	86.2	86.5	86.6	86.6	86.6	86.6	86.7	86.8
≥ 800	68.7	78.1	81.1	83.2	86.0	86.2	87.0	87.2	87.2	87.7	88.0	88.1	88.1	88.1	88.2	88.2
≥ 700	68.7	78.3	81.6	84.1	86.9	87.3	88.0	88.2	88.2	88.7	89.1	89.2	89.2	89.2	89.3	89.4
≥ 600	68.7	78.3	81.7	84.4	87.6	88.0	88.7	89.2	89.2	89.8	90.2	90.4	90.4	90.5	90.6	90.6
≥ 500	68.7	78.6	82.3	85.3	88.7	89.2	90.2	90.6	90.8	91.5	91.9	92.1	92.2	92.3	92.5	92.6
≥ 400	68.7	78.6	82.3	85.3	89.1	89.7	91.1	91.6	91.9	92.5	93.4	93.8	93.9	93.9	94.2	94.2
≥ 300	68.7	78.6	82.4	85.6	89.7	90.4	91.9	92.7	93.3	94.3	95.5	95.6	96.1	96.2	96.5	96.6
≥ 200	68.7	78.6	82.4	85.6	89.8	90.6	92.4	93.3	94.0	95.2	96.5	96.7	97.5	97.6	98.1	98.3
≥ 100	68.7	78.6	82.4	85.6	89.8	90.6	92.5	93.3	94.0	95.2	96.7	96.9	97.6	98.4	99.0	99.4
0	68.7	78.6	82.4	85.6	89.8	90.6	92.5	93.3	94.0	95.2	96.7	96.9	97.6	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1302

USAF ETAC FORM JUL 84 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04742 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0800 HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.9	51.5	52.6	54.0	54.5	54.7	54.8	54.9	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.2
≥ 20000	50.8	53.0	54.1	55.6	56.2	56.4	56.5	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	57.0
≥ 18000	50.5	53.1	54.2	55.7	56.3	56.5	56.6	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	57.1
≥ 16000	50.5	53.1	54.2	55.7	56.3	56.5	56.6	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	57.1
≥ 14000	50.9	53.5	54.6	56.1	56.8	56.9	57.1	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.5
≥ 12000	51.7	54.2	55.4	56.8	57.5	57.7	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.3
≥ 10000	52.9	55.7	56.8	58.3	59.0	59.1	59.3	59.4	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.8
≥ 9000	53.4	56.4	57.5	59.0	59.7	59.8	60.0	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.4
≥ 8000	54.3	57.7	58.8	60.3	61.0	61.1	61.3	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.8
≥ 7000	54.2	58.1	60.3	61.8	62.5	62.7	62.8	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.3
≥ 6000	56.9	61.0	62.2	63.7	64.4	64.6	64.7	64.9	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.2
≥ 5000	59.3	63.6	65.0	66.4	67.2	67.4	67.6	67.7	67.7	67.8	67.9	67.9	67.9	67.9	67.9	68.1
≥ 4500	61.4	65.7	67.1	68.7	69.4	69.7	70.0	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.6
≥ 4000	62.4	67.0	68.5	70.1	70.9	71.2	71.5	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	72.0
≥ 3500	64.1	69.1	70.7	72.4	73.3	73.7	74.0	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.5
≥ 3000	65.1	70.7	72.5	74.3	75.3	75.6	75.9	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.4
≥ 2500	66.6	73.0	74.9	77.0	78.0	78.3	78.6	78.7	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.3
≥ 2000	67.4	74.3	76.6	78.6	79.8	80.1	80.3	80.6	80.6	80.8	81.0	81.0	81.0	81.0	81.0	81.2
≥ 1800	67.4	74.4	76.9	79.0	80.2	80.5	80.9	81.0	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.6
≥ 1500	67.9	75.5	78.0	80.3	81.8	82.1	82.6	82.9	82.9	83.0	83.2	83.2	83.2	83.2	83.2	83.4
≥ 1200	67.9	76.0	78.6	81.0	82.6	82.9	83.6	83.9	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.6
≥ 1000	67.9	76.3	78.9	81.3	83.3	83.6	84.3	84.6	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.3
≥ 900	68.0	76.6	79.2	81.9	84.0	84.4	85.1	85.3	85.4	85.8	85.9	86.0	86.1	86.1	86.1	86.3
≥ 800	68.0	76.7	79.4	82.1	84.7	85.1	85.9	86.2	86.3	86.6	86.9	87.0	87.1	87.1	87.1	87.3
≥ 700	68.0	76.9	79.5	82.4	85.2	85.6	86.5	86.7	86.8	87.3	87.7	87.8	87.9	87.9	87.9	88.1
≥ 600	68.0	76.8	79.9	82.7	85.6	87.1	88.4	88.6	88.7	89.3	89.9	89.9	90.0	90.0	90.0	90.2
≥ 500	68.0	77.0	80.2	84.3	87.9	89.6	90.9	90.9	90.6	91.9	92.4	92.5	92.8	92.8	92.8	93.0
≥ 400	68.0	77.0	80.3	84.6	88.4	89.2	90.7	91.2	91.6	92.9	93.6	93.8	94.2	94.2	94.2	94.4
≥ 300	68.0	77.0	80.3	84.9	89.0	89.9	91.5	92.4	92.9	94.3	95.2	95.5	95.9	96.4	96.6	97.0
≥ 200	68.0	77.0	80.3	84.9	89.1	90.1	91.8	92.9	93.6	94.9	96.1	96.5	97.4	98.4	98.7	99.1
≥ 100	68.0	77.0	80.3	84.9	89.1	90.2	91.9	92.9	93.8	94.9	96.2	96.6	97.7	98.5	99.1	99.5
0	68.0	77.0	80.3	84.9	89.1	90.2	91.9	92.9	93.8	94.9	96.2	96.6	97.7	98.5	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1302

USAF ETAC FORM NO. 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04742 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0800 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.5	46.9	47.4	48.0	48.5	48.5	48.6	48.8	48.8	48.9	49.0	49.0	49.1	49.1	49.1	49.1
≥ 20000	48.4	50.1	50.7	51.3	51.8	51.8	52.0	52.2	52.2	52.3	52.4	52.4	52.5	52.5	52.5	52.5
≥ 18000	48.5	50.2	50.8	51.4	51.9	51.9	52.1	52.3	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.6
≥ 16000	48.7	50.3	51.2	51.8	52.4	52.4	52.5	52.8	52.8	52.8	52.9	52.9	53.0	53.0	53.0	53.1
≥ 14000	48.9	50.8	51.5	52.2	52.8	52.8	53.0	53.2	53.2	53.3	53.4	53.4	53.5	53.5	53.5	53.6
≥ 12000	49.8	51.6	52.5	53.2	53.9	53.9	54.1	54.3	54.3	54.4	54.5	54.5	54.6	54.6	54.6	54.7
≥ 10000	51.5	54.0	54.8	55.7	56.5	56.5	56.8	57.0	57.0	57.1	57.1	57.1	57.3	57.3	57.3	57.4
≥ 9000	52.8	55.3	56.1	57.1	58.0	58.0	58.2	58.4	58.4	58.5	58.6	58.6	58.8	58.8	58.8	58.8
≥ 8000	54.4	57.3	58.2	59.3	60.1	60.2	60.4	60.7	60.7	60.8	60.8	60.8	61.0	61.0	61.0	61.1
≥ 7000	56.5	59.6	60.7	62.0	62.9	63.0	63.2	63.4	63.4	63.5	63.6	63.6	63.7	63.7	63.7	63.8
≥ 6000	58.4	61.6	62.7	64.1	65.1	65.2	65.4	65.7	65.7	65.7	65.8	65.8	66.0	66.0	66.0	66.1
≥ 5000	60.4	63.7	64.7	66.2	67.2	67.3	67.5	67.7	67.7	67.8	67.9	67.9	68.0	68.0	68.0	68.1
≥ 4500	63.2	66.6	67.7	69.2	70.3	70.4	70.6	70.9	70.9	71.0	71.0	71.0	71.2	71.2	71.2	71.3
≥ 4000	64.0	67.6	68.7	70.3	71.4	71.4	71.7	72.0	72.0	72.1	72.2	72.2	72.4	72.4	72.4	72.4
≥ 3500	65.6	69.5	70.6	72.2	73.3	73.4	73.7	74.0	74.0	74.1	74.2	74.2	74.3	74.3	74.3	74.4
≥ 3000	67.0	71.3	72.4	74.0	75.3	75.4	75.7	76.0	76.0	76.1	76.2	76.2	76.3	76.3	76.3	76.4
≥ 2500	67.7	72.4	73.6	75.3	77.0	77.0	77.3	77.6	77.6	77.7	77.8	77.8	78.0	78.0	78.0	78.1
≥ 2000	68.7	73.6	74.9	77.0	78.8	78.9	79.1	79.4	79.4	79.6	79.7	79.7	79.8	79.8	79.8	80.0
≥ 1800	69.0	74.0	75.3	77.8	79.6	79.7	80.0	80.3	80.3	80.5	80.6	80.6	80.8	80.8	80.8	81.0
≥ 1500	69.7	75.0	76.6	79.0	81.0	81.0	81.3	81.6	81.6	81.9	82.0	82.0	82.2	82.2	82.2	82.3
≥ 1200	69.8	75.7	77.2	79.8	81.7	81.8	82.1	82.7	82.8	83.0	83.3	83.3	83.5	83.5	83.5	83.6
≥ 1000	70.0	76.1	77.8	80.3	82.4	82.6	83.2	83.7	83.8	84.0	84.3	84.3	84.5	84.5	84.5	84.6
≥ 900	70.2	76.4	78.2	80.9	82.8	82.9	83.7	84.1	84.2	84.5	84.8	84.8	85.0	85.0	85.0	85.2
≥ 800	70.4	76.7	78.4	81.3	83.3	83.3	84.2	84.7	84.8	85.2	85.6	85.7	86.0	86.0	86.0	86.2
≥ 700	70.4	76.8	78.8	81.6	83.8	84.2	85.0	85.5	85.6	86.3	86.7	86.8	87.2	87.2	87.2	87.3
≥ 600	70.6	77.0	79.3	82.2	84.3	84.9	86.1	86.6	86.7	87.6	88.1	88.2	88.7	88.7	88.7	88.9
≥ 500	70.6	77.0	79.3	82.6	85.1	85.8	87.3	87.9	88.2	89.9	90.6	90.7	91.4	91.4	91.5	91.6
≥ 400	70.6	77.0	79.3	82.6	85.1	86.1	87.8	88.3	88.8	91.6	92.6	92.7	93.6	93.9	94.0	94.2
≥ 300	70.6	77.0	79.3	82.6	85.2	86.8	88.0	88.9	89.7	92.8	94.2	94.3	95.6	96.2	96.7	97.2
≥ 200	70.6	77.0	79.4	82.6	85.2	86.9	88.2	89.2	90.2	93.2	95.0	95.1	96.7	97.4	98.0	98.7
≥ 100	70.6	77.0	79.4	82.6	85.2	86.9	88.3	89.3	90.2	93.3	95.1	95.2	97.0	97.9	98.9	99.9
≥ 0	70.6	77.0	79.4	82.6	85.2	86.9	88.3	89.3	90.2	93.3	95.1	95.2	97.0	97.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1302

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.2	46.1	46.5	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 20000	50.1	51.1	51.5	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 18000	50.2	51.3	51.8	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 16000	50.5	51.6	52.1	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 14000	50.9	52.0	52.6	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 12000	52.2	53.2	53.8	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 10000	55.2	56.5	57.4	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 9000	56.1	57.4	58.3	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 8000	58.5	60.1	61.2	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 7000	60.8	62.5	63.7	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 6000	61.3	63.1	64.4	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 5000	62.9	64.8	66.3	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4500	64.4	66.9	68.2	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4000	66.1	68.6	70.0	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 3500	67.0	69.6	71.0	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 3000	69.8	72.4	73.8	74.7	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 2500	71.0	74.0	75.6	76.7	77.0	77.0	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2000	71.8	75.2	76.8	78.0	78.3	78.3	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1800	72.3	75.7	77.3	78.6	79.0	79.0	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1500	73.7	77.5	79.2	80.9	81.3	81.4	81.5	81.7	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1200	74.2	78.4	80.3	81.9	82.3	82.4	82.7	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1000	74.3	78.6	80.6	82.3	82.8	82.9	83.2	83.4	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 900	74.5	79.0	81.0	82.6	83.0	83.1	83.4	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 800	74.8	79.2	81.3	83.1	83.6	83.8	84.0	84.3	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6
≥ 700	74.8	79.7	82.0	83.9	85.3	85.5	86.0	86.7	87.2	87.5	87.7	87.9	87.9	88.2	88.2	88.2
≥ 600	75.8	80.0	82.3	84.2	85.9	86.2	87.0	87.8	88.3	88.6	89.0	89.4	89.4	89.8	89.8	89.8
≥ 500	75.0	80.0	82.4	84.8	86.4	86.9	88.0	89.0	89.6	90.2	90.8	91.3	91.5	91.7	91.9	91.9
≥ 400	75.0	80.0	82.5	84.8	86.9	87.5	88.8	90.0	90.9	91.7	92.6	93.4	93.7	94.0	94.2	94.2
≥ 300	75.0	80.0	82.5	84.9	87.4	88.0	89.5	91.0	91.9	93.3	94.6	95.7	96.0	96.3	96.8	96.9
≥ 200	75.0	80.0	82.5	84.9	87.4	88.0	89.5	91.0	92.2	93.5	95.2	96.5	96.8	97.5	97.8	98.0
≥ 100	75.0	80.0	82.5	84.9	87.4	88.0	89.5	91.0	92.2	93.5	95.3	96.7	97.0	98.0	98.3	99.2
0	75.0	80.0	82.5	84.9	87.4	88.0	89.5	91.0	92.2	93.5	95.3	96.8	97.1	98.1	98.5	99.3

TOTAL NUMBER OF OBSERVATIONS 1302

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	43.0	43.9	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
	48.5	49.6	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 18000 16000	48.9	50.0	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
	49.2	50.2	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 14000 12000	49.8	50.9	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
	50.7	51.8	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 10000 9000	53.8	54.9	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
	54.7	55.8	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 8000 7000	57.1	58.6	59.0	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
	58.5	60.1	60.5	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 6000 5000	59.7	61.4	61.8	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
	62.0	64.1	64.5	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 4500 4000	63.7	66.1	66.5	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
	67.8	70.4	70.8	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 3500 3000	69.0	71.7	72.0	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
	71.9	74.8	75.0	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2500 2000	73.3	76.2	76.7	77.7	78.0	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
	74.9	78.0	78.6	80.3	80.6	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 1800 1500	75.5	78.9	79.5	81.3	81.6	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
	76.6	80.3	81.0	82.7	83.2	83.4	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1200 1000	76.7	80.9	81.8	84.0	84.6	84.8	85.1	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4
	77.3	81.8	82.9	85.2	85.8	86.1	86.4	86.6	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 900 800	77.6	82.2	83.3	85.6	86.3	86.6	87.0	87.3	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7
	77.6	82.3	83.4	85.8	87.3	87.6	88.1	88.5	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9
≥ 700 600	77.7	82.8	84.2	86.9	87.8	88.1	88.6	89.1	89.4	89.5	89.6	89.6	89.7	89.7	89.7	89.7
	77.8	83.1	84.5	87.3	88.2	88.7	89.2	89.9	90.3	90.4	90.7	90.8	90.9	90.9	90.9	90.9
≥ 500 400	77.8	83.3	84.9	88.2	89.6	90.3	91.2	91.9	92.4	92.8	93.2	93.4	93.8	93.9	94.0	94.0
	77.8	83.3	85.0	88.3	90.3	91.2	92.2	93.2	93.8	94.2	94.1	94.3	94.6	94.7	94.8	94.8
≥ 300 200	77.8	83.3	85.0	88.4	90.4	91.2	92.2	93.2	94.4	95.1	96.3	96.9	97.4	97.6	97.8	97.8
	77.8	83.3	85.0	88.6	90.5	91.3	92.3	93.3	94.6	95.3	97.0	97.3	98.3	98.6	98.8	99.0
≥ 100 0	77.8	83.3	85.0	88.6	90.5	91.3	92.3	93.3	94.6	95.3	97.2	97.7	98.7	99.0	99.3	99.9
	77.8	83.3	85.0	88.6	90.5	91.3	92.3	93.3	94.6	95.3	97.2	97.7	98.7	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1302

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04742~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~57-70~~ YEARS ~~MAR~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1800-1700~~ HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	45.5	46.2	46.4	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
	51.0	51.8	52.2	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 18000 ≥ 16000	51.8	52.7	52.9	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
	52.2	53.1	53.3	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 14000 ≥ 12000	53.0	53.9	54.2	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
	54.1	55.1	55.3	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 10000 ≥ 9000	55.5	56.5	57.1	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
	56.2	57.4	57.9	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 8000 ≥ 7000	58.2	59.8	60.2	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
	59.0	61.3	61.8	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 6000 ≥ 5000	60.9	62.8	63.3	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
	63.8	65.5	66.1	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4500 ≥ 4000	66.2	68.9	69.1	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
	69.5	72.0	72.3	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 3500 ≥ 3000	71.3	74.3	74.8	75.7	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
	73.6	76.5	77.1	78.0	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2500 ≥ 2000	74.8	77.9	78.5	79.6	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
	76.8	79.6	80.2	81.6	82.7	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1800 ≥ 1500	76.3	80.1	80.8	82.3	83.4	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
	77.8	81.5	82.5	84.2	85.3	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200 ≥ 1000	77.8	82.5	83.5	85.5	86.5	86.7	86.8	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
	78.0	82.9	84.0	86.1	87.3	87.5	87.6	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 900 ≥ 800	78.1	83.1	84.2	86.2	87.5	87.6	87.9	88.2	88.5	88.8	88.8	88.8	88.9	88.9	88.9	88.9
	78.2	83.3	84.4	86.4	87.8	88.0	88.3	88.6	88.9	89.2	89.2	89.2	89.3	89.3	89.3	89.3
≥ 700 ≥ 600	78.2	83.8	85.1	87.3	89.2	89.4	89.7	90.2	90.5	91.3	91.6	91.6	91.7	91.7	91.7	91.7
	78.2	83.8	85.2	87.6	89.3	89.6	90.2	90.8	91.1	92.2	92.5	92.5	92.7	92.7	92.7	92.7
≥ 500 ≥ 400	78.2	84.0	85.3	87.8	89.8	90.2	90.8	91.5	91.8	92.9	93.4	93.4	93.8	93.7	93.8	93.8
	78.2	84.1	85.4	87.9	90.2	90.6	91.4	92.3	92.8	94.2	94.8	94.8	94.9	95.1	95.2	95.2
≥ 300 ≥ 200	78.2	84.1	85.4	87.9	90.2	91.0	92.0	93.1	93.8	95.7	97.0	97.0	97.3	97.6	97.8	97.8
	78.2	84.1	85.4	87.9	90.2	91.1	92.1	93.2	93.9	95.9	97.3	97.4	98.1	98.2	98.3	98.3
≥ 100 0	78.2	84.1	85.4	87.9	90.2	91.1	92.1	93.2	93.9	95.9	97.3	97.7	98.3	98.6	99.4	99.9
	78.2	84.1	85.4	87.9	90.2	91.1	92.1	93.2	93.9	95.9	97.3	97.7	98.3	98.6	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1200

USAF ETAC FORM NO. 8-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.8	51.3	52.1	52.4	52.8	52.8	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	52.5	55.3	56.1	56.6	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000	52.6	55.4	56.1	56.7	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	52.8	55.6	56.4	56.9	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 14000	53.3	56.1	56.8	57.4	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 12000	54.5	57.6	58.4	58.9	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 10000	57.1	60.0	61.3	62.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 9000	57.3	61.1	62.0	62.6	63.2	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 8000	58.8	62.4	63.3	63.9	64.5	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 7000	60.6	64.4	65.4	66.1	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 6000	61.3	65.1	66.1	66.7	67.5	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	63.4	67.8	68.7	69.5	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 4500	65.8	70.4	71.6	72.4	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4
≥ 4000	67.5	72.3	73.6	74.3	75.0	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3
≥ 3500	68.3	73.4	74.7	75.7	76.5	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3000	70.6	76.0	77.3	78.6	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7
≥ 2500	71.8	77.3	79.2	80.6	81.6	81.8	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2000	72.1	78.1	79.8	81.7	82.8	82.9	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3
≥ 1800	72.7	78.9	80.6	82.9	83.6	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1
≥ 1500	73.2	79.8	81.8	83.8	85.0	85.3	85.5	85.6	85.6	85.8	85.8	85.8	85.9	85.9	86.0	86.0
≥ 1200	73.4	80.3	82.3	84.6	86.2	86.5	86.6	86.8	86.9	87.1	87.1	87.1	87.3	87.3	87.3	87.3
≥ 1000	73.8	80.4	82.7	85.1	87.0	87.4	87.6	87.9	87.9	88.3	88.3	88.3	88.5	88.5	88.6	88.6
≥ 900	73.6	80.6	82.9	85.3	87.2	87.6	87.8	88.0	88.1	88.5	88.5	88.5	88.6	88.6	88.7	88.7
≥ 800	73.7	80.8	83.2	85.7	87.7	88.0	88.2	88.4	88.5	88.9	88.9	88.9	89.0	89.0	89.1	89.1
≥ 700	73.7	80.9	83.4	86.2	88.0	89.1	89.6	89.7	89.9	90.3	90.7	90.7	90.9	90.9	90.9	90.9
≥ 600	73.7	81.0	83.6	86.3	89.1	89.7	90.3	90.3	90.4	91.2	91.6	91.6	91.8	91.8	91.8	91.8
≥ 500	73.7	81.0	83.9	86.9	89.6	90.4	90.9	91.4	91.8	92.3	92.9	93.0	93.2	93.3	93.4	93.4
≥ 400	73.7	81.0	83.9	87.0	89.8	91.0	91.6	92.2	92.7	93.3	94.3	94.9	95.1	95.3	95.7	95.9
≥ 300	73.7	81.0	83.9	87.0	90.0	91.3	92.3	93.3	94.4	95.2	96.2	96.4	97.1	97.3	97.7	97.7
≥ 200	73.7	81.0	83.9	87.0	90.1	91.9	93.1	94.3	95.8	96.4	98.0	98.4	98.9	98.1	98.5	98.6
≥ 100	73.7	81.0	83.9	87.0	90.1	91.9	93.1	94.3	95.9	96.7	98.0	98.4	98.9	98.1	98.5	99.0
0	73.7	81.0	83.9	87.0	90.1	91.9	93.1	94.3	95.9	96.7	98.0	98.4	98.9	98.1	98.5	99.0

TOTAL NUMBER OF OBSERVATIONS 1302

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04742 PEASE AFB N H/PORTSMOUTH 57-70 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.2	53.1	54.4	54.8	55.1	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 20000	52.7	56.2	57.5	58.0	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6
≥ 18000	52.8	56.3	57.5	58.1	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7
≥ 16000	52.9	56.5	57.8	58.3	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9
≥ 14000	53.0	56.6	57.8	58.4	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0
≥ 12000	53.8	57.7	58.9	59.5	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 10000	55.5	59.8	61.0	61.7	62.0	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 9000	56.1	60.4	61.7	62.4	62.7	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 8000	57.8	62.3	63.6	64.5	64.8	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3
≥ 7000	58.8	63.7	65.1	66.1	66.4	66.7	66.7	66.9	66.9	67.0	67.0	67.0	67.0	67.1	67.1	67.1
≥ 6000	60.4	65.6	67.1	68.2	68.5	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1
≥ 5000	62.6	68.0	69.5	70.7	71.0	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.8
≥ 4500	64.1	70.1	71.7	73.1	73.4	73.7	73.8	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.2	74.3
≥ 4000	65.7	71.7	73.3	74.7	75.0	75.3	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.9
≥ 3500	67.9	74.3	75.8	77.3	77.6	78.0	78.0	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.5
≥ 3000	68.9	75.7	77.2	78.9	79.3	79.6	79.7	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.2
≥ 2500	69.8	77.0	78.7	80.8	81.4	81.8	81.9	82.0	82.0	82.1	82.1	82.1	82.2	82.2	82.3	82.3
≥ 2000	70.4	78.2	80.2	82.3	82.9	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.8	83.9
≥ 1800	70.8	78.5	80.5	82.6	83.4	83.8	83.9	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.3	84.3
≥ 1500	70.7	79.1	81.2	83.6	84.4	84.8	84.9	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.5
≥ 1200	70.9	79.3	81.9	84.4	85.7	86.2	86.3	86.9	86.9	87.1	87.1	87.1	87.2	87.2	87.3	87.3
≥ 1000	71.0	79.8	82.3	85.1	86.4	87.2	87.3	87.8	88.2	88.3	88.5	88.5	88.6	88.6	88.6	88.7
≥ 900	71.0	79.9	82.6	85.3	86.9	87.5	88.1	88.6	88.6	88.9	88.9	88.9	89.0	89.0	89.1	89.2
≥ 800	71.0	80.0	82.9	85.6	87.3	88.0	88.6	89.4	89.4	89.9	89.9	89.9	90.0	90.0	90.1	90.2
≥ 700	71.3	80.3	83.4	86.2	88.2	88.9	89.9	90.6	90.6	91.2	91.3	91.3	91.5	91.5	91.6	91.6
≥ 600	71.3	80.5	83.6	86.6	88.9	89.9	90.9	91.7	91.7	92.2	92.3	92.3	92.7	92.7	92.8	92.9
≥ 500	71.4	80.6	83.8	87.1	89.6	90.6	91.9	92.3	92.3	93.1	93.4	93.4	93.7	93.8	94.0	94.1
≥ 400	71.6	80.8	84.1	87.4	89.9	91.2	92.5	93.3	93.9	94.7	95.1	95.1	95.4	95.5	95.7	95.8
≥ 300	71.6	80.8	84.2	87.6	90.2	91.4	92.9	93.9	94.8	95.7	96.2	96.4	97.2	97.3	97.6	97.8
≥ 200	71.6	80.8	84.2	87.7	90.2	91.5	93.0	94.2	95.2	96.2	96.9	97.2	98.2	98.3	98.8	99.0
≥ 100	71.6	80.8	84.2	87.7	90.2	91.5	93.0	94.2	95.2	96.2	96.9	97.2	98.3	98.7	99.2	99.8
≥ 0	71.6	80.8	84.2	87.7	90.2	91.5	93.0	94.2	95.2	96.2	96.9	97.2	98.3	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1302

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0300 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.4	51.0	52.0	52.7	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 20000	50.1	53.1	54.2	55.1	55.4	55.4	55.4	55.4	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6
≥ 18000	50.3	53.3	54.4	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8
≥ 16000	50.5	53.5	54.6	55.4	55.8	55.8	55.8	55.8	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000	51.1	54.1	55.3	56.1	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	51.8	55.0	56.1	56.9	57.3	57.3	57.3	57.3	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5
≥ 10000	54.1	57.5	58.6	59.4	59.8	59.8	59.8	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0
≥ 9000	54.4	57.9	59.1	60.0	60.3	60.3	60.3	60.3	60.3	60.4	60.5	60.6	60.6	60.6	60.6	60.6
≥ 8000	57.2	61.6	63.0	63.8	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.5
≥ 7000	58.7	63.5	65.1	66.0	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.9	66.9	66.9	66.9	67.0
≥ 6000	60.1	65.5	67.1	68.0	68.6	68.7	68.7	68.7	68.7	68.8	68.9	68.9	68.9	68.9	68.9	69.0
≥ 5000	62.6	68.8	70.3	71.4	72.0	72.1	72.1	72.1	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.4
≥ 4500	64.4	70.9	72.6	73.8	74.4	74.4	74.5	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.8
≥ 4000	65.2	71.8	73.5	74.7	75.3	75.3	75.4	75.4	75.4	75.5	75.6	75.7	75.7	75.7	75.7	75.8
≥ 3500	66.0	72.6	74.4	75.6	76.2	76.3	76.4	76.4	76.4	76.5	76.6	76.7	76.8	76.8	76.8	76.8
≥ 3000	66.5	73.3	75.0	76.3	77.1	77.1	77.2	77.2	77.2	77.3	77.5	77.5	77.6	77.6	77.6	77.7
≥ 2500	67.3	74.4	76.2	77.8	78.6	78.7	78.7	78.7	78.7	78.8	79.0	79.0	79.1	79.1	79.1	79.2
≥ 2000	68.3	75.6	77.5	79.3	80.2	80.2	80.3	80.3	80.3	80.4	80.5	80.6	80.7	80.7	80.7	80.8
≥ 1800	68.6	76.3	78.2	80.1	80.9	81.0	81.1	81.1	81.1	81.1	81.3	81.4	81.4	81.4	81.4	81.5
≥ 1500	69.5	77.3	79.3	81.5	82.3	82.6	82.7	82.7	82.7	82.7	82.9	83.0	83.0	83.0	83.0	83.1
≥ 1200	69.8	77.9	80.5	82.7	83.9	83.9	84.0	84.0	84.0	84.1	84.2	84.3	84.4	84.4	84.4	84.5
≥ 1000	70.1	78.3	81.1	83.3	84.8	84.8	84.9	84.9	84.9	85.1	85.2	85.3	85.4	85.4	85.4	85.4
≥ 900	70.2	78.6	81.2	83.7	85.2	85.3	85.4	85.4	85.4	85.6	85.7	85.8	85.9	85.9	85.9	86.0
≥ 800	70.4	78.8	81.5	84.2	85.8	85.9	86.0	86.0	86.0	86.2	86.3	86.4	86.5	86.5	86.5	86.6
≥ 700	70.5	78.9	81.8	84.6	86.4	86.6	87.0	87.0	87.0	87.2	87.3	87.6	87.6	87.6	87.6	87.7
≥ 600	70.8	79.0	81.9	84.8	87.0	87.2	87.6	87.8	87.8	87.9	88.0	88.0	88.1	88.1	88.1	88.2
≥ 500	70.8	79.1	82.0	84.9	87.3	87.9	88.8	91.0	91.0	91.8	91.9	92.0	92.2	92.2	92.2	92.2
≥ 400	70.8	79.2	82.0	84.9	87.3	88.0	89.3	92.3	92.8	93.6	93.7	93.8	94.0	94.0	94.0	94.1
≥ 300	70.8	79.4	82.3	85.4	87.8	88.6	89.9	93.3	93.8	94.6	94.8	94.9	95.1	95.1	95.1	95.2
≥ 200	70.8	79.4	82.3	85.4	87.8	88.6	89.9	93.3	93.8	94.6	94.8	94.9	95.1	95.1	95.1	95.2
≥ 100	70.8	79.4	82.3	85.4	87.8	88.6	89.9	93.3	93.8	94.6	94.8	94.9	95.1	95.1	95.1	95.2
≥ 0	70.8	79.4	82.3	85.4	87.8	88.6	89.9	93.3	93.8	94.6	94.8	94.9	95.1	95.1	95.1	95.2

TOTAL NUMBER OF OBSERVATIONS 1184

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES): ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	45.9	49.8	50.6	51.7	52.0	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.5	52.8
≥ 20000	47.4	51.4	52.2	53.3	53.5	53.7	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.1	54.4
≥ 18000	47.5	51.5	52.3	53.5	53.7	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.3	54.6
≥ 16000	47.7	51.7	52.5	53.6	53.8	54.0	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.4	54.8
≥ 14000	48.6	52.6	53.5	54.6	54.9	55.1	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.5	55.8
≥ 12000	50.2	54.2	55.1	56.2	56.5	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.1	57.4
≥ 10000	52.5	56.9	57.9	59.0	59.4	59.6	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.3
≥ 9000	53.3	57.9	59.0	60.2	60.6	60.7	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.2	61.5
≥ 8000	55.0	60.2	61.3	62.5	62.9	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.5	63.8
≥ 7000	57.0	62.3	63.5	64.9	65.3	65.5	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	66.0	66.3
≥ 6000	58.0	63.6	64.8	66.2	66.7	66.8	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.3	67.6
≥ 5000	60.1	66.3	67.6	69.1	69.5	69.7	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.2	70.5
≥ 4500	61.0	67.5	69.1	70.5	71.0	71.1	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.8	72.1
≥ 4000	61.7	68.2	69.8	71.3	71.8	71.9	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.7	73.0
≥ 3500	62.7	69.5	71.2	72.7	73.3	73.5	73.7	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.5
≥ 3000	63.7	71.6	73.5	75.0	75.6	75.9	76.1	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.6	76.9
≥ 2500	64.7	73.2	75.6	77.2	78.0	78.2	78.4	78.7	78.7	78.8	78.8	78.8	78.8	78.8	79.0	79.3
≥ 2000	65.5	74.4	76.8	78.4	79.2	79.4	79.6	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.2	80.5
≥ 1800	65.6	74.9	77.2	79.0	79.8	80.0	80.2	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.8	81.1
≥ 1500	66.5	76.1	78.4	80.2	81.1	81.4	81.6	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.1	82.4
≥ 1200	67.2	77.0	79.6	81.5	82.6	82.9	83.2	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.8	84.1
≥ 1000	67.5	77.5	80.0	82.1	83.6	83.9	84.2	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.8	85.1
≥ 900	67.6	77.6	80.3	82.4	83.9	84.2	84.5	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.1	85.4
≥ 800	67.9	78.2	80.9	83.2	84.1	84.4	84.7	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.5	85.8
≥ 700	68.0	78.4	81.6	84.2	86.4	86.7	87.2	87.6	87.6	87.9	88.1	88.1	88.1	88.1	88.2	88.5
≥ 600	68.0	78.5	82.0	84.8	87.6	87.9	88.4	89.1	89.1	89.4	89.7	89.7	89.7	89.7	89.8	90.1
≥ 500	68.3	79.0	82.8	85.9	88.8	89.3	90.2	90.6	90.6	91.0	91.3	91.3	91.3	91.3	91.4	91.7
≥ 400	68.3	79.2	83.0	86.0	90.0	91.2	92.2	92.9	92.9	93.4	93.6	93.6	93.7	93.7	93.8	94.1
≥ 300	68.3	79.2	83.2	87.0	90.7	91.8	93.4	94.2	94.2	94.9	95.2	95.2	95.4	95.5	95.6	96.1
≥ 200	68.3	79.2	83.2	87.0	90.7	91.8	93.6	94.9	94.9	96.1	96.4	96.6	96.8	97.2	97.4	98.2
≥ 100	68.3	79.2	83.2	87.0	90.7	91.8	94.0	94.9	95.0	96.2	96.6	96.6	97.1	97.7	98.0	99.6
0	68.3	79.2	83.2	87.0	90.7	91.8	94.0	94.9	95.0	96.2	96.6	96.6	97.1	97.7	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1326

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

C4742 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 50-70 YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

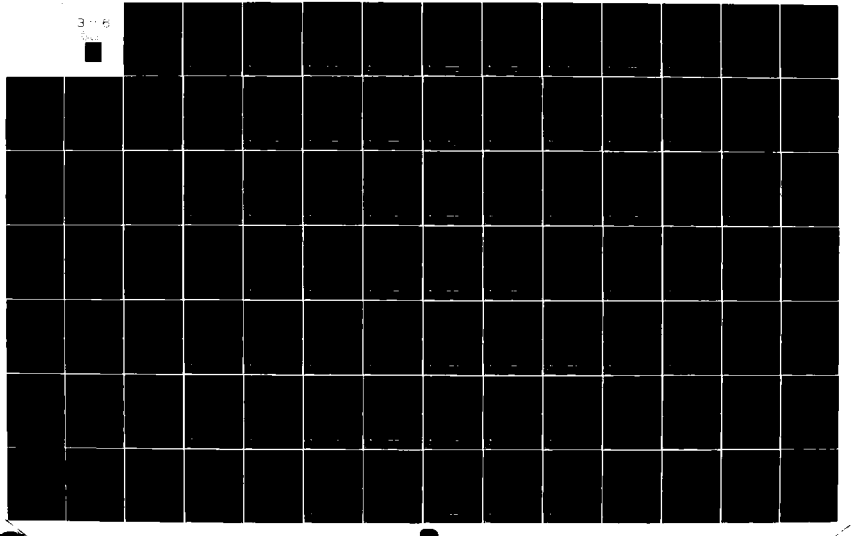
0400-0800 HOUR (L.S.T.)

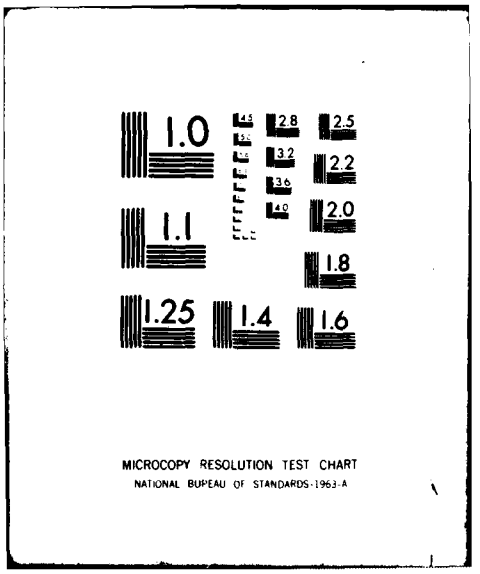
CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.6	48.1	48.8	48.9	49.1	49.2	49.2	49.2	49.2	49.3	49.5	49.5	49.5	49.5	49.5	49.7
≥ 20000	48.1	52.0	52.8	53.1	53.2	53.3	53.3	53.3	53.4	53.5	53.6	53.6	53.7	53.7	53.7	53.8
≥ 18000	48.4	52.3	53.1	53.4	53.5	53.6	53.6	53.6	53.7	53.8	53.9	53.9	54.0	54.0	54.0	54.1
≥ 16000	48.7	52.6	53.4	53.7	53.8	53.9	53.9	53.9	54.0	54.1	54.2	54.2	54.3	54.3	54.3	54.4
≥ 14000	49.7	53.5	54.4	54.7	54.8	54.9	54.9	54.9	55.0	55.1	55.2	55.2	55.3	55.3	55.3	55.4
≥ 12000	51.1	55.1	55.9	56.2	56.3	56.4	56.4	56.4	56.5	56.6	56.7	56.7	56.8	56.8	56.8	56.9
≥ 10000	54.0	58.0	58.8	59.2	59.4	59.6	59.6	59.6	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.2
≥ 9000	54.4	58.5	59.6	60.0	60.2	60.4	60.4	60.4	60.5	60.6	60.8	60.8	60.9	60.9	60.9	61.0
≥ 8000	57.2	61.3	62.6	63.0	63.3	63.7	63.7	63.7	63.8	63.9	64.1	64.1	64.3	64.3	64.3	64.4
≥ 7000	58.7	63.3	64.5	64.9	65.2	65.6	65.7	65.7	65.8	65.8	66.1	66.1	66.2	66.2	66.2	66.4
≥ 6000	59.6	64.1	65.3	65.9	66.2	66.6	66.7	66.7	66.7	66.8	67.0	67.0	67.2	67.2	67.2	67.3
≥ 5000	61.9	66.7	67.9	68.8	69.1	69.5	69.6	69.6	69.7	69.8	70.0	70.0	70.1	70.1	70.1	70.3
≥ 4500	62.4	67.8	69.1	70.1	70.4	70.9	71.0	71.0	71.0	71.1	71.3	71.3	71.5	71.5	71.5	71.6
≥ 4000	63.3	68.9	70.4	71.5	71.8	72.2	72.3	72.3	72.4	72.5	72.7	72.7	72.8	72.9	72.9	73.0
≥ 3500	64.0	70.1	71.9	72.9	73.3	73.8	73.8	73.8	73.9	74.0	74.2	74.2	74.4	74.4	74.4	74.5
≥ 3000	65.1	71.3	73.2	74.4	75.0	75.4	75.5	75.5	75.6	75.6	75.9	75.9	76.0	76.0	76.0	76.2
≥ 2500	66.1	72.5	74.6	75.9	76.5	77.0	77.1	77.1	77.1	77.2	77.5	77.5	77.6	77.6	77.6	77.8
≥ 2000	67.0	73.6	75.8	77.3	77.9	78.4	78.5	78.5	78.6	78.7	78.9	78.9	79.0	79.0	79.0	79.2
≥ 1800	67.3	74.0	76.2	77.8	78.4	79.0	79.0	79.0	79.1	79.2	79.4	79.4	79.6	79.6	79.6	79.7
≥ 1500	68.0	75.0	77.3	79.0	79.6	80.1	80.2	80.2	80.3	80.4	80.8	80.8	81.0	81.0	81.0	81.1
≥ 1200	68.5	76.0	78.4	80.2	80.9	81.4	81.7	81.8	82.0	82.1	82.4	82.4	82.5	82.5	82.5	82.7
≥ 1000	69.2	76.9	79.3	81.2	82.1	82.7	83.0	83.0	83.2	83.4	83.6	83.6	83.8	83.8	83.8	83.9
≥ 900	69.5	77.6	80.1	82.3	83.3	83.9	84.2	84.2	84.4	84.6	84.8	84.8	85.0	85.0	85.0	85.1
≥ 800	69.8	78.4	80.8	83.0	84.3	84.8	85.1	85.2	85.4	85.7	86.0	86.0	86.3	86.3	86.3	86.4
≥ 700	69.9	78.8	81.6	84.1	85.7	86.3	86.7	87.0	87.1	87.6	87.9	87.9	88.2	88.2	88.2	88.3
≥ 600	70.1	79.2	82.4	85.6	87.4	87.9	88.3	88.7	89.1	89.5	90.0	90.0	90.4	90.4	90.4	90.5
≥ 500	70.3	79.4	82.8	86.3	88.7	89.5	90.3	90.8	91.0	91.4	91.9	91.9	92.3	92.3	92.3	92.7
≥ 400	70.3	79.4	82.9	86.7	89.4	90.7	91.9	92.5	92.7	93.1	93.7	93.7	94.1	94.3	94.3	94.6
≥ 300	70.3	79.4	82.9	87.1	90.3	91.7	93.1	93.9	94.2	95.2	95.9	96.0	96.8	97.0	97.0	97.2
≥ 200	70.3	79.4	82.9	87.1	90.3	91.9	93.3	94.2	94.5	95.7	96.7	96.8	97.9	98.3	98.4	99.2
≥ 100	70.3	79.4	82.9	87.1	90.3	91.9	93.3	94.3	94.6	95.8	96.8	96.9	98.1	98.5	99.1	99.8
0	70.3	79.4	82.9	87.1	90.3	91.9	93.3	94.3	94.6	95.8	96.8	96.9	98.1	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1326

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A082 411 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PEASE AFB, PORTSMOUTH, NEW HAMPSHIRE. REVISED UNIFORM SUMMARY O--ETC(U)
MAY 72
UNCLASSIFIED USAFETAC/DS-80/019 NL




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0800-1100 (HOUR (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.5	47.3	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000	51.1	52.3	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 18000	51.2	52.3	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 16000	51.4	52.5	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 14000	51.8	52.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 12000	53.3	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 10000	56.0	57.2	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 9000	56.7	58.2	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 8000	60.0	61.7	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 7000	61.2	63.0	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 6000	62.4	64.3	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 5000	65.1	67.0	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 4500	66.7	69.0	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 4000	69.6	72.5	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500	70.4	73.5	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3000	71.2	74.5	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 2500	73.2	76.8	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 2000	73.8	77.5	78.6	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1800	74.0	77.9	79.0	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 1500	76.7	78.9	79.9	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1200	76.3	81.3	82.4	82.9	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1000	77.8	83.1	84.3	84.9	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 900	77.9	83.9	85.4	86.1	86.7	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 800	78.2	84.7	86.6	87.4	88.2	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7
≥ 700	78.9	85.4	87.6	88.9	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.6	90.6	90.6	90.6
≥ 600	78.7	85.7	87.9	89.8	91.6	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.8	92.8	92.8	92.8
≥ 500	78.8	85.9	88.4	90.4	92.5	93.1	93.8	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.2
≥ 400	78.8	85.9	88.4	90.6	93.4	94.1	94.9	95.9	96.1	96.3	96.3	96.3	96.8	96.9	96.9	97.1
≥ 300	78.8	86.0	88.5	90.8	93.5	94.3	95.1	96.0	96.6	97.0	97.2	97.2	97.7	97.7	97.7	97.9
≥ 200	78.8	86.0	88.5	90.8	93.5	94.3	95.1	96.0	96.7	97.4	98.0	98.0	98.6	98.9	99.2	99.3
≥ 100	78.8	86.0	88.5	90.8	93.5	94.3	95.1	96.0	96.7	97.5	98.1	98.1	98.9	99.3	99.7	99.9
≥ 0	78.8	86.0	88.5	90.8	93.5	94.3	95.1	96.0	96.7	97.5	98.1	98.1	98.9	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1326

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-1600 HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.7	44.9	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 20000	49.2	51.1	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 18000	49.3	51.2	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 16000	49.3	51.4	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	50.0	51.9	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 12000	51.5	53.5	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 10000	53.8	55.9	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 9000	54.5	56.6	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 8000	57.2	59.4	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 7000	58.1	60.4	60.9	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 6000	59.8	62.1	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 5000	64.3	66.7	67.2	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4500	67.3	69.8	70.6	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4000	71.2	74.0	74.7	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3500	73.2	75.9	76.7	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3000	74.6	77.3	78.2	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2500	75.8	79.0	79.7	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000	76.9	80.6	81.4	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1800	77.1	80.8	81.6	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1500	78.0	82.0	82.9	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1200	79.3	84.0	85.4	86.3	86.8	86.9	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1000	80.4	85.8	87.4	88.4	89.1	89.1	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5
≥ 900	80.8	86.0	87.8	89.3	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	81.4	86.9	88.7	90.4	90.8	90.9	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700	81.4	87.4	89.4	91.3	91.9	92.1	92.2	92.6	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0
≥ 600	81.8	88.0	90.0	92.1	93.0	93.2	93.3	93.8	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	81.8	88.2	90.3	92.5	94.1	94.7	95.4	96.1	96.3	96.6	96.8	96.8	97.0	97.0	97.0	97.0
≥ 400	81.8	88.2	90.3	92.5	94.2	95.2	96.0	96.9	97.1	97.4	97.8	98.0	98.2	98.2	98.2	98.2
≥ 300	81.8	88.2	90.3	92.5	94.2	95.3	96.1	97.2	97.4	97.8	98.2	98.4	98.6	98.6	98.6	98.6
≥ 200	81.8	88.2	90.3	92.5	94.2	95.3	96.2	97.3	97.6	98.0	98.4	98.6	98.8	98.8	98.8	98.8
≥ 100	81.8	88.2	90.3	92.5	94.2	95.3	96.2	97.3	97.6	98.0	98.4	98.6	98.8	98.8	98.8	98.8
≥ 0	81.8	88.2	90.3	92.5	94.2	95.3	96.2	97.3	97.6	98.0	98.4	98.6	98.8	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1386

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 50-70 YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-1700 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.2	44.9	45.1	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 20000	48.8	51.6	52.0	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 18000	49.0	51.8	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 16000	49.7	52.5	52.9	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 14000	50.3	53.3	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 12000	52.0	54.8	55.1	55.2	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 10000	54.9	57.8	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 9000	55.4	58.4	58.7	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 8000	58.0	61.2	61.6	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 7000	60.0	63.3	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 6000	61.3	64.8	65.4	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 5000	66.0	69.8	70.4	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4500	68.7	72.9	73.9	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4000	70.8	75.1	76.1	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3500	73.2	77.5	78.5	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3000	78.1	82.8	83.8	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2500	76.4	81.1	82.3	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2000	77.1	82.3	83.6	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1800	77.6	83.2	84.4	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1500	78.3	84.2	85.6	86.1	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1200	79.3	85.8	87.3	88.0	88.3	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000	80.0	86.9	88.3	89.1	89.4	89.6	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 900	80.2	87.3	88.8	89.5	90.0	90.2	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 800	80.7	87.9	89.4	90.4	91.0	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 700	80.8	88.3	90.3	91.3	92.1	92.4	92.5	92.8	92.8	93.0	93.1	93.1	93.2	93.2	93.2	93.2
≥ 600	80.8	88.3	90.4	91.5	93.0	93.4	93.6	94.0	94.1	94.4	94.5	94.5	94.9	95.0	95.0	95.0
≥ 500	80.8	88.3	90.6	91.9	93.7	94.3	94.6	95.2	95.4	95.9	96.3	96.3	96.7	96.7	96.7	96.7
≥ 400	80.8	88.4	90.6	92.0	93.8	94.4	94.7	95.3	95.5	96.0	96.4	96.4	96.8	96.8	96.8	96.8
≥ 300	80.8	88.9	90.8	92.6	94.4	94.9	95.2	97.0	97.2	98.1	98.3	98.3	98.7	98.7	98.7	98.7
≥ 200	80.8	88.9	90.8	92.6	94.4	94.9	95.2	97.1	97.3	98.2	98.4	98.4	98.9	99.2	99.2	99.2
≥ 100	80.8	88.9	90.8	92.6	94.4	94.9	95.2	97.1	97.3	98.2	98.4	98.4	98.9	99.2	99.2	99.2
0	80.8	88.9	90.8	92.6	94.4	94.9	95.2	97.1	97.3	98.2	98.4	98.4	98.9	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1226

USAF ETAC FORM AWS M 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04743~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~56-70~~ YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1800-2000~~ HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.4	49.5	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 20000	50.6	54.0	54.5	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 18000	50.9	54.3	54.8	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 16000	51.3	54.7	55.2	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 14000	52.2	55.6	56.1	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000	52.8	56.3	56.9	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 10000	55.4	59.0	59.6	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 9000	56.3	60.0	60.6	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 8000	58.7	63.0	63.8	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 7000	61.2	65.5	66.4	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 6000	62.4	66.9	67.9	68.6	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 5000	66.1	71.0	72.2	72.9	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4500	67.6	73.1	74.4	75.1	75.3	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 4000	68.7	74.2	75.5	76.2	76.4	76.4	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3500	69.6	75.6	77.1	77.8	78.1	78.1	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 3000	71.3	77.2	78.7	79.7	79.9	79.9	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2500	71.9	78.3	79.9	80.9	81.1	81.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2000	72.7	80.0	82.1	83.2	83.4	83.4	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1800	72.7	80.2	82.3	83.4	83.6	83.6	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1500	73.2	80.9	83.1	84.3	84.5	84.5	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1200	73.8	82.1	84.4	85.6	85.8	85.9	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1000	74.4	83.3	85.9	87.2	87.3	87.4	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 900	74.6	83.7	86.6	87.8	88.1	88.2	88.6	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 800	74.8	84.1	87.0	88.4	88.6	89.0	89.4	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 700	74.8	84.2	87.2	88.3	88.6	89.1	89.4	89.9	90.2	90.4	90.4	90.4	90.6	90.6	90.6	90.6
≥ 600	74.8	84.2	87.2	88.3	88.6	89.1	89.5	90.0	90.3	90.5	90.5	90.5	90.7	90.7	90.7	90.7
≥ 500	74.9	88.1	88.2	90.1	91.0	91.4	91.9	92.3	92.3	92.7	93.0	93.0	94.0	94.0	94.2	94.2
≥ 400	74.9	88.1	88.2	90.1	91.0	91.4	91.9	92.3	92.3	92.7	93.0	93.0	94.0	94.0	94.1	94.1
≥ 300	74.9	88.1	88.2	90.1	91.0	91.4	91.9	92.3	92.3	96.0	96.1	97.1	97.4	97.7	97.8	98.0
≥ 200	74.9	88.1	88.2	90.1	91.0	91.4	91.9	92.3	92.3	96.0	96.1	97.1	97.4	97.7	97.8	98.0
≥ 100	74.9	88.1	88.2	90.1	91.0	91.4	91.9	92.3	92.3	96.0	96.1	97.1	97.4	97.7	97.8	98.0
≥ 0	74.9	88.1	88.2	90.1	91.0	91.4	91.9	92.3	92.3	96.0	96.1	97.1	97.4	97.7	97.8	98.0

TOTAL NUMBER OF OBSERVATIONS 1320

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	48.2	51.0	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	52.0	52.0	52.0	52.0
	50.8	54.4	55.5	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.2	56.2	56.3	56.3
≥ 18000 ≥ 16000	51.0	54.5	55.6	56.0	56.0	56.0	56.0	56.0	56.0	56.2	56.2	56.2	56.3	56.3	56.3	56.3
	51.8	54.8	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.6	56.6	56.6	56.6
≥ 14000 ≥ 12000	51.7	55.3	56.4	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.2	57.2
	52.3	56.2	57.0	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.7	57.7	57.8	57.8
≥ 10000 9000	53.8	57.8	58.9	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.9	59.9
	54.8	58.7	59.8	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.8	60.8	60.9	60.9
≥ 8000 7000	57.3	62.6	63.8	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8	64.8	64.9	64.9	64.9	64.9
	60.0	65.2	66.4	67.3	67.3	67.3	67.3	67.3	67.3	67.5	67.5	67.5	67.6	67.6	67.6	67.6
≥ 6000 5000	61.8	67.3	68.7	69.6	69.6	69.6	69.6	69.6	69.7	69.8	69.8	69.8	69.9	69.9	70.0	70.0
	64.8	70.7	72.2	73.2	73.2	73.2	73.2	73.2	73.4	73.5	73.5	73.5	73.6	73.6	73.7	73.7
≥ 4500 4000	65.4	71.9	73.4	74.4	74.7	74.7	74.7	74.7	74.8	75.0	75.0	75.0	75.0	75.0	75.1	75.1
	66.0	72.3	74.0	75.0	75.3	75.3	75.3	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.7	75.7
≥ 3500 3000	67.3	74.1	75.8	76.8	77.1	77.2	77.2	77.2	77.3	77.5	77.5	77.5	77.6	77.6	77.8	77.8
	68.0	75.1	76.8	77.9	78.3	78.4	78.4	78.4	78.4	78.6	78.7	78.7	78.8	78.8	79.0	79.0
≥ 2500 2000	68.3	75.8	77.5	78.6	79.0	79.0	79.2	79.2	79.3	79.4	79.5	79.5	79.6	79.6	79.9	79.9
	69.1	76.8	78.6	79.9	80.4	80.5	80.6	80.6	80.7	80.8	80.9	80.9	81.1	81.1	81.3	81.3
≥ 1800 1500	69.2	76.9	78.9	80.0	80.3	80.3	80.7	80.7	80.8	80.9	81.0	81.0	81.1	81.1	81.4	81.4
	69.6	77.7	79.8	81.1	81.5	81.6	81.8	81.8	81.9	82.1	82.1	82.1	82.3	82.3	82.5	82.5
≥ 1200 1000	69.8	78.4	81.0	82.4	82.8	83.0	83.2	83.3	83.4	83.6	83.6	83.6	83.8	83.8	84.0	84.0
	70.2	79.3	82.1	83.7	84.3	84.7	84.9	85.1	85.1	85.3	85.4	85.4	85.6	85.6	85.7	85.7
≥ 900 800	70.4	79.3	82.2	83.9	84.7	84.9	85.2	85.3	85.4	85.5	85.6	85.6	85.7	85.7	86.0	86.0
	70.6	79.8	82.8	84.8	85.7	86.0	86.2	86.4	86.5	86.6	86.8	86.8	86.9	86.9	86.9	86.9
≥ 700 600	70.8	80.1	83.1	85.1	86.4	87.0	87.5	87.9	87.9	88.2	88.2	88.2	88.3	88.3	88.7	88.7
	70.8	80.6	83.8	86.1	87.6	88.2	88.7	89.2	89.3	89.5	89.6	89.6	89.8	89.8	91.0	91.0
≥ 500 400	70.8	80.6	83.9	86.6	88.4	89.5	91.7	92.2	92.2	92.5	92.6	92.7	92.9	92.9	93.1	93.1
	70.8	80.6	84.3	87.3	89.3	91.7	93.2	94.0	94.0	94.4	94.4	94.4	94.5	94.5	95.1	95.2
≥ 300 200	70.8	80.6	84.4	87.3	91.0	92.9	94.5	95.3	95.6	96.2	96.4	96.5	96.9	97.0	97.2	97.3
	70.8	80.6	84.6	87.8	91.6	93.6	95.3	96.2	96.5	97.0	97.2	97.3	98.1	98.3	98.6	98.8
≥ 100 0	70.8	80.6	84.6	87.8	91.6	93.6	95.3	96.2	96.5	97.3	97.7	97.8	98.6	98.8	99.3	100.0
	70.8	80.6	84.6	87.8	91.6	93.6	95.3	96.2	96.5	97.3	97.7	97.8	98.6	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1326

USAF ETAC FORM JUL 64 0-14-8 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04742 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.3	54.7	55.7	56.2	56.5	56.6	56.7	56.9	56.9	57.1	57.1	57.1	57.2	57.3	57.6	57.6
≥ 20000	52.3	57.8	58.9	59.5	59.9	60.0	60.2	60.4	60.4	60.6	60.6	60.6	60.7	60.9	61.1	61.1
≥ 18000	52.5	58.1	59.1	59.7	60.1	60.2	60.4	60.6	60.6	60.9	60.9	60.9	60.9	61.1	61.4	61.4
≥ 16000	52.6	58.1	59.2	59.8	60.1	60.3	60.5	60.7	60.7	60.9	60.9	60.9	61.0	61.1	61.4	61.4
≥ 14000	52.9	58.7	59.8	60.4	60.7	60.9	61.1	61.3	61.3	61.5	61.5	61.5	61.6	61.7	62.0	62.0
≥ 12000	53.8	59.6	60.8	61.4	61.7	61.9	62.1	62.3	62.3	62.5	62.5	62.5	62.6	62.7	63.0	63.0
≥ 10000	55.8	61.9	63.0	63.9	64.3	64.4	64.7	64.9	64.9	65.1	65.1	65.1	65.2	65.3	65.6	65.6
≥ 9000	56.5	62.7	64.1	65.0	65.4	65.5	65.7	65.9	65.9	66.2	66.2	66.2	66.3	66.4	66.7	66.7
≥ 8000	59.0	65.6	67.0	68.0	68.3	68.5	68.7	68.9	68.9	69.1	69.1	69.1	69.2	69.3	69.6	69.6
≥ 7000	61.1	67.9	69.6	70.8	70.9	71.0	71.2	71.5	71.5	71.7	71.7	71.7	71.8	71.9	72.2	72.2
≥ 6000	62.8	69.8	71.7	72.6	73.0	73.1	73.3	73.5	73.5	73.8	73.8	73.8	73.8	74.0	74.3	74.3
≥ 5000	64.8	72.3	74.3	75.3	75.7	75.8	76.1	76.3	76.3	76.5	76.5	76.5	76.6	76.7	77.0	77.0
≥ 4500	65.2	73.3	75.3	76.6	76.9	77.1	77.3	77.6	77.6	77.8	77.8	77.8	77.8	78.0	78.3	78.3
≥ 4000	68.4	76.8	78.9	80.2	80.7	80.8	81.1	81.4	81.4	81.6	81.6	81.6	81.6	81.8	82.1	82.1
≥ 3500	69.9	78.6	80.8	82.2	82.6	82.7	83.0	83.2	83.2	83.4	83.4	83.4	83.5	83.6	83.9	83.9
≥ 3000	70.1	78.8	81.0	82.4	82.8	82.9	83.2	83.4	83.4	83.6	83.6	83.6	83.7	83.8	84.1	84.1
≥ 2500	70.5	79.1	81.4	82.9	83.3	83.4	83.7	83.9	83.9	84.1	84.1	84.1	84.2	84.3	84.6	84.6
≥ 2000	71.1	79.8	82.1	83.7	84.1	84.2	84.5	84.7	84.7	84.9	84.9	84.9	85.0	85.1	85.4	85.4
≥ 1800	71.1	79.9	82.2	83.8	84.2	84.3	84.6	84.8	84.8	85.0	85.0	85.0	85.1	85.2	85.5	85.5
≥ 1500	71.3	80.0	82.3	83.9	84.3	84.4	84.7	84.9	84.9	85.1	85.1	85.1	85.2	85.3	85.6	85.6
≥ 1200	71.4	80.3	82.8	84.5	85.0	85.1	85.4	85.6	85.6	85.8	85.8	85.8	85.9	86.0	86.3	86.3
≥ 1000	71.6	80.5	83.0	84.7	85.2	85.3	85.6	85.8	85.8	86.0	86.0	86.0	86.1	86.2	86.5	86.5
≥ 900	71.7	80.6	83.1	84.8	85.3	85.4	85.7	85.9	85.9	86.1	86.1	86.1	86.2	86.3	86.6	86.6
≥ 800	71.7	80.6	83.1	84.8	85.3	85.4	85.7	85.9	85.9	86.1	86.1	86.1	86.2	86.3	86.6	86.6
≥ 700	71.7	80.6	83.2	84.9	85.4	85.5	85.8	86.0	86.0	86.2	86.2	86.2	86.3	86.4	86.7	86.7
≥ 600	71.7	80.6	83.2	84.9	85.4	85.5	85.8	86.0	86.0	86.2	86.2	86.2	86.3	86.4	86.7	86.7
≥ 500	71.7	80.6	83.2	84.9	85.4	85.5	85.8	86.0	86.0	86.2	86.2	86.2	86.3	86.4	86.7	86.7
≥ 400	71.7	80.6	83.2	84.9	85.4	85.5	85.8	86.0	86.0	86.2	86.2	86.2	86.3	86.4	86.7	86.7
≥ 300	71.7	80.6	83.2	84.9	85.4	85.5	85.8	86.0	86.0	86.2	86.2	86.2	86.3	86.4	86.7	86.7
≥ 200	71.7	80.6	83.2	84.9	85.4	85.5	85.8	86.0	86.0	86.2	86.2	86.2	86.3	86.4	86.7	86.7
≥ 100	71.7	80.6	83.2	84.9	85.4	85.5	85.8	86.0	86.0	86.2	86.2	86.2	86.3	86.4	86.7	86.7
0	71.7	80.6	83.2	84.9	85.4	85.5	85.8	86.0	86.0	86.2	86.2	86.2	86.3	86.4	86.7	86.7

TOTAL NUMBER OF OBSERVATIONS 1292

USAF ETAC FORM JUL 51 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04762 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 50-70 YEARS — MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.7	49.4	51.2	52.3	53.0	53.0	53.4	53.5	53.8	54.2	54.2	54.3	54.3	54.3	54.6	55.1
≥ 20000	47.8	53.1	55.2	56.4	57.2	57.2	57.7	57.8	58.1	58.6	58.6	58.7	58.7	58.8	59.1	59.6
≥ 18000	48.1	53.5	55.6	56.8	57.7	57.7	58.1	58.2	58.4	58.9	58.9	59.1	59.1	59.1	59.4	59.9
≥ 16000	48.2	53.6	55.8	56.9	57.8	57.8	58.2	58.4	58.6	59.1	59.1	59.2	59.2	59.3	59.6	60.1
≥ 14000	48.8	54.2	56.3	57.5	58.4	58.4	58.8	58.9	59.1	59.6	59.6	59.8	59.8	59.9	60.1	60.6
≥ 12000	49.6	55.0	57.1	58.4	59.3	59.3	59.6	59.8	60.0	60.5	60.5	60.6	60.6	60.7	61.0	61.5
≥ 10000	51.3	56.8	59.2	60.4	61.4	61.4	61.7	61.9	62.1	62.6	62.7	62.8	62.8	62.9	63.2	63.7
≥ 9000	51.9	57.6	60.4	61.6	62.6	62.6	62.9	63.1	63.3	63.8	63.8	64.0	64.0	64.1	64.4	64.9
≥ 8000	54.9	61.3	64.1	65.4	66.3	66.5	66.8	67.0	67.2	67.7	67.7	67.9	67.9	68.0	68.2	68.7
≥ 7000	57.4	64.2	67.0	68.3	69.3	69.5	69.8	70.0	70.3	70.8	70.8	71.0	71.0	71.0	71.3	71.8
≥ 6000	59.1	66.2	69.2	70.6	71.8	71.8	72.1	72.3	72.5	73.0	73.0	73.2	73.2	73.3	73.5	74.1
≥ 5000	60.9	68.3	71.4	73.1	74.4	74.4	74.8	74.9	75.1	75.7	75.8	75.9	75.9	76.0	76.3	76.8
≥ 4500	61.6	69.2	72.3	74.1	75.4	75.4	75.8	75.9	76.1	76.7	76.8	76.9	76.9	77.0	77.3	77.8
≥ 4000	62.2	70.0	73.1	75.1	76.4	76.4	76.8	76.9	77.1	77.7	77.8	77.9	77.9	78.0	78.3	78.9
≥ 3500	62.8	70.9	74.3	76.3	77.6	77.6	77.9	78.1	78.3	78.9	78.9	79.1	79.1	79.1	79.4	80.0
≥ 3000	63.0	71.2	74.9	76.9	78.2	78.2	78.6	78.8	79.0	79.6	79.6	79.8	79.8	79.9	80.1	80.7
≥ 2500	63.6	72.2	75.6	77.6	78.9	78.9	79.4	79.5	79.7	80.4	80.4	80.6	80.6	80.6	80.9	81.5
≥ 2000	64.1	73.0	76.6	78.6	79.9	79.9	80.4	80.5	80.7	81.4	81.4	81.6	81.6	81.6	81.9	82.5
≥ 1800	64.3	73.4	76.9	79.1	80.4	80.4	80.9	81.1	81.3	82.0	82.1	82.2	82.2	82.3	82.6	83.2
≥ 1500	64.4	73.8	77.3	79.6	80.9	80.9	81.4	81.6	81.8	82.7	82.7	82.9	82.9	82.9	83.2	83.8
≥ 1200	64.7	74.0	78.2	80.6	82.2	82.2	82.7	82.9	83.2	84.1	84.2	84.3	84.3	84.4	84.7	85.2
≥ 1000	64.9	74.9	78.6	81.2	83.1	83.2	83.7	84.1	84.5	85.3	85.3	85.4	85.4	85.5	85.8	86.4
≥ 900	64.9	75.3	79.0	82.1	83.7	83.8	84.3	84.7	84.9	85.9	85.9	86.1	86.1	86.2	86.6	87.0
≥ 800	64.9	75.5	79.3	82.5	84.4	84.5	85.0	85.2	85.4	86.5	86.5	86.7	86.8	86.9	87.3	87.7
≥ 700	64.9	75.7	79.6	83.1	84.7	85.0	85.5	85.7	85.9	86.8	87.2	87.3	87.3	87.4	87.9	88.5
≥ 600	65.2	76.0	79.9	83.4	85.2	85.5	86.0	86.2	86.4	87.4	87.8	88.0	88.0	88.1	88.6	89.2
≥ 500	65.2	76.2	80.0	83.6	85.5	85.8	86.3	86.5	86.8	87.8	88.2	88.4	88.4	88.5	89.0	89.6
≥ 400	65.3	76.3	80.2	83.8	85.7	86.0	86.5	86.7	87.0	88.0	88.4	88.6	88.6	88.7	89.2	89.8
≥ 300	65.3	76.3	80.2	83.8	85.8	86.1	86.6	86.8	87.1	88.1	88.5	88.7	88.7	88.8	89.3	90.0
≥ 200	65.3	76.3	80.2	83.8	85.8	86.1	86.6	86.8	87.1	88.1	88.5	88.7	88.7	88.8	89.3	90.0
≥ 100	65.3	76.3	80.2	83.8	85.8	86.1	86.6	86.8	87.1	88.1	88.5	88.7	88.7	88.8	89.3	90.0
0	65.3	76.3	80.2	83.8	85.8	86.1	86.6	86.8	87.1	88.1	88.5	88.7	88.7	88.8	89.3	90.0

TOTAL NUMBER OF OBSERVATIONS 1191

USAF ETAC FORM NO. 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04742 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0400-0800 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.4	49.2	49.8	50.5	50.8	50.9	51.0	51.1	51.3	51.3	51.4	51.4	51.4	51.4	51.5	51.6
≥ 20000	50.5	54.5	55.3	56.1	56.3	56.5	56.6	56.7	56.8	56.9	57.0	57.0	57.1	57.1	57.1	57.3
≥ 18000	51.0	55.0	55.8	56.6	56.8	57.0	57.1	57.2	57.3	57.4	57.5	57.5	57.6	57.6	57.6	57.8
≥ 16000	51.4	55.3	56.1	56.9	57.3	57.4	57.6	57.6	57.8	57.8	57.9	57.9	58.0	58.0	58.1	58.2
≥ 14000	52.0	56.1	56.8	57.7	58.1	58.2	58.4	58.4	58.6	58.6	58.7	58.7	58.8	58.8	58.9	59.0
≥ 12000	53.4	57.6	58.4	59.2	59.6	59.8	59.9	60.0	60.1	60.2	60.3	60.3	60.4	60.4	60.4	60.6
≥ 10000	56.3	60.6	61.7	62.7	63.1	63.2	63.4	63.4	63.6	63.7	63.7	63.7	63.8	63.8	63.9	64.0
≥ 9000	57.2	61.7	62.9	63.8	64.2	64.4	64.5	64.6	64.7	64.8	64.9	64.9	64.9	64.9	65.0	65.2
≥ 8000	60.1	64.8	66.1	67.2	67.7	68.0	68.2	68.2	68.4	68.5	68.5	68.5	68.6	68.6	68.7	68.8
≥ 7000	63.8	68.7	70.0	71.3	71.7	72.0	72.2	72.3	72.5	72.5	72.6	72.6	72.7	72.7	72.8	72.9
≥ 6000	64.7	70.0	71.3	72.6	73.1	73.4	73.7	73.8	73.9	74.0	74.1	74.1	74.1	74.1	74.2	74.3
≥ 5000	66.1	71.5	73.0	74.5	75.2	75.5	75.8	75.8	76.0	76.1	76.1	76.1	76.2	76.2	76.3	76.4
≥ 4500	66.8	72.3	73.7	75.2	75.9	76.2	76.5	76.6	76.7	76.8	76.8	76.8	76.9	76.9	77.0	77.1
≥ 4000	67.9	73.5	75.1	76.6	77.3	77.6	77.9	78.0	78.1	78.2	78.3	78.3	78.4	78.4	78.4	78.6
≥ 3500	68.6	74.3	75.9	77.6	78.3	78.6	78.9	78.9	79.1	79.1	79.2	79.2	79.3	79.3	79.4	79.5
≥ 3000	69.5	75.3	76.8	78.6	79.4	79.8	80.0	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.5	80.6
≥ 2500	70.3	76.4	78.0	79.9	80.6	80.9	81.3	81.4	81.5	81.6	81.6	81.6	81.7	81.7	81.8	81.9
≥ 2000	71.0	77.3	79.1	81.1	81.9	82.2	82.6	82.8	82.9	83.0	83.1	83.1	83.2	83.2	83.2	83.4
≥ 1800	71.0	77.4	79.2	81.2	82.1	82.4	82.8	83.0	83.2	83.2	83.3	83.3	83.4	83.4	83.4	83.6
≥ 1500	71.3	78.2	80.0	82.1	83.1	83.4	83.8	84.1	84.3	84.4	84.4	84.4	84.5	84.5	84.6	84.7
≥ 1200	71.7	78.8	80.6	82.9	83.9	84.3	84.7	85.0	85.2	85.3	85.4	85.4	85.4	85.4	85.5	85.7
≥ 1000	71.8	79.0	80.9	83.1	84.1	84.6	84.9	85.2	85.4	85.5	85.6	85.6	85.7	85.7	85.8	86.0
≥ 900	72.0	79.2	81.1	83.4	84.4	84.9	85.2	85.5	85.7	85.8	85.9	85.9	86.0	86.0	86.1	86.3
≥ 800	72.1	79.4	81.4	83.9	84.9	85.3	85.8	86.0	86.2	86.3	86.4	86.4	86.5	86.5	86.6	86.8
≥ 700	72.4	79.9	82.0	84.7	86.1	86.6	87.2	87.7	87.9	88.2	88.4	88.4	88.5	88.5	88.5	88.7
≥ 600	72.8	80.0	82.3	85.2	87.0	87.7	88.3	88.8	89.0	89.3	89.5	89.5	89.6	89.6	89.7	89.8
≥ 500	73.0	80.4	82.7	86.0	88.3	89.1	90.0	90.8	91.0	91.3	91.6	91.6	91.8	91.8	91.8	92.0
≥ 400	73.2	80.8	83.4	86.7	89.1	90.1	91.1	91.9	92.2	92.5	92.8	92.8	92.9	92.9	93.0	93.2
≥ 300	73.2	80.9	83.6	87.2	89.8	91.2	92.5	93.5	94.1	94.5	95.3	95.3	95.6	95.8	96.0	96.7
≥ 200	73.2	80.9	83.6	87.2	90.1	91.3	92.8	93.8	94.6	95.0	95.8	95.8	96.1	96.3	96.5	97.2
≥ 100	73.2	80.9	83.6	87.2	90.2	91.3	92.8	93.8	94.6	95.0	95.8	95.8	96.1	96.3	96.5	97.2
0	73.2	80.9	83.6	87.2	90.2	91.3	92.8	93.8	94.6	95.0	95.8	95.8	96.1	96.3	96.5	97.2

TOTAL NUMBER OF OBSERVATIONS 1395

USAF ETAC FORM JUL 68 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04742~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS ~~MAY~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~0900-1100~~ HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	51.0 56.6	52.8 58.8	53.0 59.1	53.0 59.3	53.0 59.3	53.0 59.3	53.0 59.3	53.0 59.3	53.0 59.3	53.0 59.3	53.0 59.3	53.0 59.3	53.0 59.3	53.0 59.3	53.0 59.3	53.0 59.3
≥ 18000 ≥ 16000	56.8 57.0	59.1 59.3	59.4 59.5	59.5 59.6	59.5 59.6	59.5 59.6	59.5 59.6	59.5 59.6	59.5 59.6	59.5 59.6	59.5 59.6	59.5 59.6	59.5 59.6	59.5 59.6	59.5 59.6	59.5 59.6
≥ 14000 ≥ 12000	58.1 60.1	60.4 62.6	60.6 62.8	60.7 62.9	60.7 62.9	60.7 62.9	60.7 62.9	60.7 62.9	60.7 62.9	60.7 62.9	60.7 62.9	60.7 62.9	60.7 62.9	60.7 62.9	60.7 62.9	60.7 62.9
≥ 10000 ≥ 9000	63.0 64.0	65.8 66.8	66.0 67.0	66.3 67.3	66.4 67.4	66.4 67.4	66.4 67.4	66.4 67.4	66.4 67.4	66.4 67.4	66.4 67.4	66.4 67.4	66.4 67.4	66.4 67.4	66.4 67.4	66.4 67.4
≥ 8000 ≥ 7000	66.6 68.5	69.7 71.8	69.9 72.0	70.2 72.3	70.3 72.3	70.3 72.3	70.3 72.4	70.3 72.4	70.3 72.4	70.3 72.4	70.3 72.4	70.3 72.4	70.3 72.4	70.3 72.4	70.3 72.4	70.3 72.4
≥ 6000 ≥ 5000	69.6 71.5	73.0 75.1	73.3 75.3	73.5 75.6	73.6 75.7	73.6 75.7	73.7 75.8	73.7 75.8	73.7 75.8	73.7 75.8	73.7 75.8	73.7 75.8	73.7 75.8	73.7 75.8	73.7 75.8	73.7 75.8
≥ 4500 ≥ 4000	72.8 74.1	76.2 77.8	76.4 78.1	76.8 78.4	76.8 78.5	76.8 78.5	76.9 78.6	77.0 78.6	77.0 78.6	77.0 78.6	77.0 78.6	77.0 78.6	77.0 78.6	77.0 78.6	77.0 78.6	77.0 78.6
≥ 3500 ≥ 3000	75.3 76.3	79.4 80.6	79.6 80.8	80.0 81.2	80.1 81.3	80.1 81.3	80.1 81.4	80.2 81.4	80.2 81.4	80.2 81.4	80.2 81.4	80.2 81.4	80.2 81.4	80.2 81.4	80.2 81.4	80.2 81.4
≥ 2500 ≥ 2000	77.2 78.0	81.9 82.9	82.1 83.2	82.6 83.8	82.7 83.9	82.8 84.0	82.9 84.1	82.9 84.2	82.9 84.2	82.9 84.2	82.9 84.2	82.9 84.2	82.9 84.2	82.9 84.2	82.9 84.2	82.9 84.2
≥ 1800 ≥ 1500	78.0 78.6	83.0 83.9	83.4 84.3	84.0 85.2	84.2 85.4	84.2 85.5	84.3 85.7	84.4 85.7	84.4 85.8	84.4 85.8	84.4 85.8	84.4 85.8	84.4 85.8	84.4 85.8	84.4 85.8	84.4 85.8
≥ 1200 ≥ 1000	79.2 79.7	84.9 85.6	85.3 86.1	86.4 87.3	86.9 87.9	87.0 88.0	87.2 88.2	87.2 88.3	87.2 88.3	87.3 88.4	87.3 88.4	87.3 88.4	87.3 88.4	87.3 88.4	87.3 88.4	87.3 88.4
≥ 900 ≥ 800	80.1 80.6	86.0 86.6	86.7 87.0	88.0 88.7	88.7 89.0	88.7 89.0	89.0 89.2	89.1 89.3	89.1 89.3	89.2 89.4	89.2 89.4	89.2 89.4	89.2 89.4	89.2 89.4	89.2 89.4	89.2 89.4
≥ 700 ≥ 600	80.4 80.6	86.7 87.2	87.3 87.6	89.1 89.1	90.0 90.2	90.0 90.3	91.2 91.4	91.3 91.5	91.3 91.5	91.3 91.5	91.3 91.5	91.3 91.5	91.3 91.5	91.3 91.5	91.3 91.5	91.3 91.5
≥ 500 ≥ 400	80.7 80.8	87.6 87.7	88.7 89.1	91.2 91.7	92.0 92.2	92.7 92.8	95.0 96.0	95.2 96.0	95.3 96.1	95.3 96.2	95.3 96.2	95.3 96.2	95.4 96.3	95.4 96.3	95.4 96.3	95.4 96.3
≥ 300 ≥ 200	80.8 80.8	87.9 87.9	89.1 89.1	91.7 91.7	94.5 94.5	95.1 95.1	97.6 97.6	97.7 97.8	97.8 97.8	98.0 98.0	98.3 98.3	98.3 98.3	98.6 98.6	98.6 98.6	98.6 98.6	98.6 98.6
≥ 100 0	80.8 80.8	87.9 87.9	89.1 89.1	91.7 91.7	94.5 94.5	95.1 95.1	97.6 97.6	97.8 97.8	98.2 98.2	98.5 98.5	99.1 99.1	99.1 99.1	99.6 99.6	99.7 99.7	99.9 99.9	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS 1393

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04742 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.7	48.5	49.0	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 20000	53.8	54.1	56.7	56.7	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	54.1	56.4	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 16000	54.4	56.7	57.3	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 14000	55.2	57.6	58.2	58.2	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 12000	57.5	59.9	60.6	60.6	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000	60.2	62.9	63.6	63.7	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000	61.0	63.7	64.4	64.5	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 8000	63.2	66.1	66.8	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 7000	64.2	67.3	68.2	68.3	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 6000	65.9	69.2	69.9	70.0	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 5000	68.8	72.0	72.7	72.9	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4500	71.4	75.0	75.7	75.9	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4000	74.3	78.1	78.9	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3500	76.1	80.0	80.7	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3000	77.8	81.8	82.7	83.2	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	78.5	82.7	83.7	84.4	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000	79.2	83.5	84.6	85.4	86.2	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800	79.4	83.9	84.9	85.7	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1500	80.2	84.4	85.4	86.2	87.0	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1200	80.6	86.1	87.2	88.3	89.3	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	81.6	87.2	88.3	89.7	91.3	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 900	81.7	87.6	89.0	90.4	91.9	92.0	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 800	81.9	88.0	89.3	90.9	92.3	92.4	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 700	82.1	88.3	89.6	91.2	92.6	92.8	92.9	93.0	93.2	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	82.1	88.3	89.6	91.2	92.8	93.1	93.2	93.3	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	82.2	88.7	90.3	92.2	94.0	94.3	94.5	94.7	94.9	96.0	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	82.2	88.7	90.3	92.2	94.0	94.3	94.5	94.7	94.9	96.0	96.4	96.4	96.4	96.4	96.4	96.4
≥ 300	82.2	89.1	90.7	92.7	94.6	95.0	95.2	95.4	95.6	96.7	97.1	97.1	97.1	97.1	97.1	97.1
≥ 200	82.2	89.1	90.7	92.7	94.6	95.0	95.2	95.4	95.6	96.7	97.1	97.1	97.1	97.1	97.1	97.1
≥ 100	82.2	89.2	90.9	93.0	94.9	95.3	95.5	95.7	95.9	97.0	97.4	97.4	97.4	97.4	97.4	97.4
0	82.2	89.2	90.9	93.0	94.9	95.3	95.5	95.7	95.9	97.0	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS 1393

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-1700 (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.4	47.9	48.0	48.3	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
	53.2	55.3	55.6	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000 ≥ 16000	52.8	55.9	56.2	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
	54.0	56.1	56.3	57.2	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 14000 ≥ 12000	54.7	56.8	57.1	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
	54.2	56.4	56.7	57.6	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 10000 ≥ 9000	59.9	62.4	62.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
	60.8	63.4	63.9	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 8000 ≥ 7000	64.1	67.0	67.5	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
	65.6	68.5	69.1	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 6000 ≥ 5000	67.3	70.4	71.0	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
	71.3	74.7	75.4	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4500 ≥ 4000	73.0	76.6	77.3	78.9	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
	75.6	79.2	80.1	81.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500 ≥ 3000	76.6	80.4	81.3	83.0	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
	78.0	82.2	83.4	85.1	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500 ≥ 2000	78.1	82.4	83.7	85.7	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
	78.4	83.1	84.4	86.3	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1800 ≥ 1500	78.6	83.2	84.5	86.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
	79.3	84.2	85.6	87.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200 ≥ 1000	80.2	85.2	86.7	89.1	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
	80.9	86.1	87.8	90.3	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 900 ≥ 800	81.3	86.6	88.4	90.8	92.1	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
	81.6	86.7	88.5	91.1	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 700 ≥ 600	81.6	86.9	88.7	91.3	92.7	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
	81.8	87.2	89.0	91.7	93.2	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500 ≥ 400	81.6	87.6	89.5	92.3	94.0	95.0	95.8	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
	81.8	87.8	89.7	92.7	94.6	95.8	96.6	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 300 ≥ 200	81.6	87.6	89.7	92.7	94.8	95.9	97.0	97.5	97.6	97.9	98.2	98.2	98.2	98.2	98.2	98.3
	81.8	87.8	89.9	92.9	95.0	96.1	97.2	97.9	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.7
≥ 100 0	81.8	87.8	89.9	92.9	95.0	96.1	97.2	97.9	98.0	98.4	99.1	99.1	99.1	99.1	99.1	100.0
	81.8	87.8	89.9	92.9	95.0	96.1	97.2	97.9	98.0	98.4	99.1	99.1	99.1	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1395

USAF ETAC FORM JUL 61 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 50-70 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-2000 (HOUR (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.0	49.9	50.3	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	54.4	57.1	57.6	58.3	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 18000	55.2	57.4	57.9	58.6	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 16000	55.6	57.8	58.3	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 14000	57.0	59.2	59.7	60.4	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 12000	58.6	60.9	61.4	62.1	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 10000	61.1	63.7	64.4	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 9000	62.7	65.4	66.2	67.0	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 8000	65.4	68.5	69.3	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 7000	66.9	70.2	71.3	72.5	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	68.3	71.6	72.8	73.9	74.6	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 5000	70.8	74.4	75.8	77.1	78.0	78.1	78.1	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500	71.8	75.6	76.8	78.4	79.3	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4000	73.0	77.4	78.9	80.6	81.6	81.8	81.8	81.8	81.8	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3500	73.3	77.8	79.3	80.9	81.9	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	74.1	78.8	80.3	81.9	83.2	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2500	75.0	79.8	81.5	83.1	84.4	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000	75.2	80.0	81.8	83.4	84.7	84.9	85.0	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	79.3	80.1	81.9	83.5	85.0	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1500	75.6	80.8	82.7	84.4	85.9	86.2	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1200	76.2	81.5	83.4	85.4	87.3	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1000	76.6	82.3	84.3	86.5	88.3	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 900	76.8	82.7	84.7	87.0	89.0	89.4	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	77.2	83.2	85.2	87.5	89.5	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	77.6	83.6	85.6	87.9	90.0	90.5	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 600	77.6	83.7	85.8	88.2	90.4	91.3	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 500	77.7	84.0	86.4	89.2	91.9	92.8	93.4	93.7	93.7	93.9	93.9	93.9	93.9	94.0	94.0	94.0
≥ 400	77.7	84.1	86.5	89.2	92.1	93.1	94.1	94.6	94.6	95.0	95.0	95.1	95.1	95.1	95.1	95.1
≥ 300	77.7	84.2	86.5	89.3	92.6	93.8	94.8	95.3	95.3	96.1	96.1	96.2	96.6	96.6	96.6	96.6
≥ 200	77.7	84.2	86.5	89.3	92.7	93.9	95.0	95.9	96.1	97.1	97.3	97.3	97.8	97.8	98.0	98.1
≥ 100	77.7	84.2	86.5	89.3	92.7	93.9	95.0	95.9	96.1	97.3	97.6	97.6	98.3	98.6	99.2	99.8
0	77.7	84.2	86.5	89.3	92.7	93.9	95.0	95.9	96.1	97.3	97.6	97.6	98.3	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1395

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04747 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.1	55.6	55.9	56.3	56.7	56.8	56.9	56.9	56.9	57.2	57.3	57.3	57.3	57.3	57.3	57.3
≥ 20000	55.7	59.6	60.1	60.9	61.2	61.4	61.4	61.4	61.4	61.7	61.8	61.8	61.8	61.8	61.8	61.9
≥ 18000	55.7	59.6	60.1	60.9	61.2	61.4	61.4	61.4	61.4	61.7	61.8	61.8	61.8	61.8	61.8	61.9
≥ 16000	55.8	59.9	60.4	61.1	61.4	61.6	61.6	61.6	61.6	61.9	62.0	62.0	62.0	62.0	62.0	62.1
≥ 14000	56.4	60.9	61.4	62.1	62.4	62.6	62.7	62.7	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.1
≥ 12000	57.1	61.6	62.1	62.8	63.2	63.3	63.4	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.8
≥ 10000	58.6	63.2	63.7	64.5	64.9	65.0	65.1	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.5
≥ 9000	59.9	64.9	65.4	66.2	66.6	66.7	66.8	66.8	66.8	67.1	67.2	67.2	67.2	67.2	67.2	67.2
≥ 8000	62.8	68.2	68.8	69.7	70.1	70.3	70.3	70.3	70.3	70.6	70.7	70.7	70.7	70.7	70.7	70.8
≥ 7000	64.7	70.3	71.0	71.8	72.3	72.4	72.5	72.5	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.9
≥ 6000	65.2	71.0	71.6	72.6	73.0	73.2	73.3	73.3	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.7
≥ 5000	67.0	73.8	74.3	75.6	76.1	76.3	76.3	76.3	76.3	76.4	76.7	76.7	76.7	76.7	76.7	76.8
≥ 4500	68.1	75.1	75.8	77.4	78.1	78.2	78.3	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.7
≥ 4000	68.6	76.1	77.0	78.8	79.5	79.6	79.7	79.7	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3500	69.1	76.9	77.8	79.9	80.8	80.9	81.0	81.0	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000	69.9	77.8	78.7	80.9	81.9	82.0	82.1	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.5
≥ 2500	70.2	78.9	79.9	81.8	82.7	82.9	82.9	82.9	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.4
≥ 2000	70.8	79.1	80.4	82.7	83.7	83.8	83.9	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.3
≥ 1800	70.8	79.3	80.6	82.9	83.9	84.1	84.2	84.2	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.6
≥ 1500	71.0	79.5	80.8	83.1	84.1	84.3	84.4	84.4	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.9
≥ 1200	71.2	80.1	81.6	84.5	85.7	85.9	85.9	85.9	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.4
≥ 1000	71.5	81.0	82.5	85.4	86.7	86.9	87.0	87.0	87.0	87.3	87.4	87.4	87.4	87.4	87.4	87.5
≥ 900	71.5	81.1	82.6	85.6	86.8	87.0	87.1	87.1	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.6
≥ 800	71.5	81.2	82.7	85.8	87.2	87.4	87.5	87.5	87.5	87.8	87.9	87.9	87.9	87.9	87.9	88.0
≥ 700	71.5	81.2	82.8	85.9	87.6	87.9	88.0	88.0	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.5
≥ 600	71.7	81.4	83.0	86.2	88.0	88.3	88.4	88.4	88.4	88.7	89.0	89.1	89.1	89.1	89.1	89.2
≥ 500	71.8	81.5	83.2	87.0	89.0	89.7	90.2	90.3	90.3	90.7	90.8	90.8	90.8	90.8	90.8	90.8
≥ 400	71.8	81.6	83.5	87.5	90.2	91.1	91.7	91.8	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.4
≥ 300	71.8	81.7	83.6	88.0	90.8	91.9	93.0	93.4	93.4	94.1	94.3	94.4	94.8	94.8	94.8	94.8
≥ 200	71.8	81.7	83.6	88.0	90.9	92.0	93.4	94.2	94.3	95.2	95.5	95.6	96.2	96.3	96.4	96.7
≥ 100	71.8	81.7	83.6	88.0	90.9	92.0	93.4	94.7	94.8	96.2	96.6	96.8	97.9	98.0	98.7	99.6
≥ 0	71.8	81.7	83.6	88.0	90.9	92.0	93.4	94.7	94.8	96.2	96.6	96.8	98.0	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1393

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04742 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.0	50.7	53.8	56.4	58.0	58.3	58.4	58.7	58.7	58.8	58.8	58.8	58.9	58.9	59.0	59.1
≥ 20000	48.9	53.4	56.9	59.6	61.6	61.9	62.1	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.7	62.8
≥ 18000	46.0	53.6	57.0	59.9	61.9	62.2	62.4	62.7	62.7	62.8	62.8	62.8	62.9	62.9	63.0	63.1
≥ 16000	46.0	53.6	57.1	60.0	62.0	62.3	62.5	62.8	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.2
≥ 14000	46.7	54.4	58.1	61.0	63.0	63.3	63.5	63.8	63.8	63.9	63.9	63.9	63.9	63.9	64.0	64.1
≥ 12000	47.8	55.4	59.3	62.1	64.2	64.5	64.7	65.0	65.0	65.1	65.1	65.1	65.2	65.2	65.3	65.4
≥ 10000	48.6	57.0	61.2	64.1	66.3	66.6	66.8	67.1	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.5
≥ 9000	48.1	57.5	61.8	64.7	67.0	67.3	67.5	67.8	67.8	67.9	67.9	67.9	67.9	67.9	68.0	68.1
≥ 8000	50.9	59.6	64.0	67.0	69.5	69.8	70.0	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.5	70.7
≥ 7000	52.4	61.6	66.1	69.8	72.3	72.6	72.8	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.5
≥ 6000	53.6	63.2	67.8	71.6	74.2	74.5	74.8	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.5
≥ 5000	55.0	65.0	69.7	73.6	76.3	76.6	76.9	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.6
≥ 4500	55.7	65.8	70.6	74.5	77.3	77.6	77.9	78.1	78.1	78.2	78.2	78.2	78.3	78.3	78.4	78.5
≥ 4000	56.1	66.4	71.3	75.5	78.3	78.6	78.9	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.6
≥ 3500	56.5	67.3	72.5	76.7	79.5	79.9	80.1	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.7	80.8
≥ 3000	56.7	67.9	73.4	77.7	80.7	81.2	81.5	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.1	82.2
≥ 2500	56.9	68.1	73.7	78.0	81.0	81.6	81.9	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.5	82.7
≥ 2000	57.3	68.6	74.2	78.5	81.9	82.4	82.7	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.5	83.6
≥ 1800	57.3	68.7	74.3	78.6	81.9	82.5	82.8	83.3	83.3	83.3	83.4	83.4	83.5	83.5	83.6	83.7
≥ 1500	57.6	69.1	74.7	79.0	82.4	83.0	83.3	83.7	83.7	83.8	83.9	83.9	83.9	83.9	84.0	84.1
≥ 1200	57.9	70.0	75.8	80.2	83.6	84.1	84.7	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.5	85.6
≥ 1000	58.3	70.5	76.4	81.0	84.4	85.0	85.6	86.1	86.1	86.1	86.2	86.2	86.3	86.3	86.4	86.5
≥ 900	58.3	70.7	76.6	81.4	84.8	85.4	86.0	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.9	87.0
≥ 800	58.4	71.0	77.2	82.1	85.5	86.1	86.7	87.3	87.3	87.5	87.6	87.6	87.6	87.6	87.7	87.9
≥ 700	58.8	71.6	77.9	82.9	86.4	87.0	87.7	88.4	88.4	88.7	88.7	88.7	88.8	88.8	88.9	89.0
≥ 600	58.8	71.9	78.4	83.6	87.2	88.0	88.7	89.3	89.3	89.6	89.7	89.7	89.8	89.8	89.9	90.0
≥ 500	58.8	72.1	78.7	84.2	88.4	89.0	89.9	90.5	90.5	91.0	91.0	91.0	91.1	91.1	91.2	91.4
≥ 400	58.8	72.1	78.9	84.8	89.2	90.4	91.3	92.0	92.0	92.6	92.7	92.7	92.7	92.7	93.0	93.3
≥ 300	58.8	72.1	78.9	85.3	90.3	91.0	92.0	92.7	92.7	93.4	93.9	93.9	93.9	93.9	94.1	94.4
≥ 200	58.8	72.1	78.9	85.3	91.0	91.6	93.0	94.1	94.8	95.1	95.7	95.7	95.8	95.9	96.0	96.3
≥ 100	58.8	72.1	78.9	85.3	91.0	91.6	93.0	94.2	94.4	95.4	96.2	96.2	96.4	96.5	97.3	98.5
0	58.8	72.1	78.9	85.3	91.0	91.6	93.0	94.2	94.4	95.4	96.2	96.2	96.4	96.5	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1380

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 50-70 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.0	46.4	49.0	51.6	53.4	53.7	54.3	54.5	54.6	55.1	55.3	55.3	55.4	55.4	55.6	56.0
≥ 20000	42.8	48.8	53.0	55.9	58.2	58.7	59.4	59.8	59.9	60.4	60.5	60.6	60.7	60.7	60.8	61.3
≥ 18000	42.9	50.1	53.3	56.1	58.5	59.0	59.8	60.1	60.1	60.7	60.8	60.9	61.0	61.0	61.1	61.6
≥ 16000	43.0	50.4	53.6	56.4	58.8	59.3	60.1	60.4	60.4	61.0	61.1	61.2	61.3	61.3	61.4	61.9
≥ 14000	43.5	51.1	54.4	57.2	59.7	60.2	61.0	61.3	61.4	62.0	62.1	62.2	62.4	62.4	62.5	63.0
≥ 12000	44.4	52.3	55.6	58.5	61.1	61.6	62.4	62.7	62.8	63.4	63.6	63.6	63.8	63.8	63.9	64.4
≥ 10000	45.9	53.9	57.9	60.8	63.6	64.2	65.1	65.6	65.6	66.2	66.4	66.4	66.6	66.6	66.7	67.3
≥ 9000	46.5	54.7	58.7	61.7	64.5	65.2	66.1	66.5	66.6	67.2	67.3	67.4	67.6	67.6	67.7	68.2
≥ 8000	47.9	56.5	60.7	63.8	66.7	67.4	68.3	68.7	68.8	69.4	69.6	69.7	69.9	69.9	70.0	70.5
≥ 7000	48.8	57.8	62.2	65.5	68.4	69.1	70.0	70.5	70.6	71.2	71.4	71.5	71.6	71.6	71.8	72.3
≥ 6000	49.6	58.7	63.3	66.6	69.6	70.2	71.2	71.8	71.9	72.4	72.7	72.7	72.9	72.9	73.0	73.6
≥ 5000	50.5	60.1	64.8	68.2	71.2	71.9	72.8	73.4	73.5	74.1	74.3	74.4	74.5	74.5	74.7	75.2
≥ 4500	51.3	60.8	65.8	69.2	72.2	72.9	73.7	74.4	74.5	75.1	75.3	75.4	75.6	75.6	75.7	76.2
≥ 4000	51.6	61.6	66.8	70.3	73.3	74.0	75.0	75.6	75.6	76.2	76.4	76.5	76.7	76.7	76.9	77.5
≥ 3500	51.8	62.1	67.5	71.1	74.1	74.8	75.8	76.4	76.5	77.1	77.3	77.4	77.6	77.6	77.8	78.4
≥ 3000	52.4	63.0	68.4	72.1	75.3	75.9	76.9	77.6	77.7	78.3	78.5	78.6	78.8	78.8	79.0	79.6
≥ 2500	52.4	63.2	68.7	72.4	75.7	76.4	77.4	78.1	78.2	78.8	79.1	79.2	79.4	79.4	79.6	80.1
≥ 2000	53.0	64.2	69.9	73.8	77.1	77.8	78.8	79.6	79.6	80.2	80.5	80.7	80.9	80.9	81.0	81.6
≥ 1800	53.2	64.6	70.3	74.1	77.6	78.3	79.3	80.1	80.1	80.7	81.0	81.2	81.4	81.4	81.6	82.1
≥ 1500	53.4	64.9	70.9	74.8	78.4	79.2	80.2	81.0	81.1	81.7	82.0	82.1	82.4	82.4	82.5	83.1
≥ 1200	53.8	65.5	71.9	76.0	80.2	81.0	82.1	82.9	83.0	83.6	84.0	84.1	84.4	84.4	84.5	85.1
≥ 1000	53.8	65.9	72.6	76.9	81.2	82.0	83.0	83.9	84.0	84.7	85.0	85.2	85.4	85.4	85.6	86.1
≥ 900	54.1	66.4	73.3	77.7	82.1	83.0	84.1	85.1	85.2	85.9	86.2	86.4	86.6	86.6	86.7	87.3
≥ 800	54.3	67.0	73.8	78.3	82.7	83.6	84.7	85.7	85.8	86.6	87.0	87.1	87.3	87.3	87.5	88.1
≥ 700	54.3	67.1	74.0	78.7	83.3	84.1	85.4	86.4	86.4	87.3	87.6	87.8	88.0	88.0	88.1	88.7
≥ 600	54.6	67.3	74.1	79.0	83.6	84.5	85.8	86.8	86.8	87.8	88.1	88.3	88.5	88.5	88.6	89.2
≥ 500	54.6	67.3	74.4	79.3	84.7	85.8	87.3	88.4	88.4	89.3	90.0	90.1	90.4	90.4	90.5	91.1
≥ 400	54.6	67.3	74.5	79.8	85.4	86.6	88.2	89.3	89.4	90.3	91.0	91.1	91.4	91.4	91.5	92.1
≥ 300	54.6	67.4	74.7	80.0	85.8	86.9	88.6	89.7	89.8	90.7	91.4	91.5	91.8	91.8	91.9	92.5
≥ 200	54.6	67.4	74.7	80.1	86.1	87.3	88.9	90.1	90.2	91.0	91.8	91.9	92.2	92.2	92.3	92.9
≥ 100	54.6	67.4	74.7	80.1	86.1	87.3	89.1	90.4	90.5	91.4	92.2	92.3	92.6	92.6	92.7	93.3
0	54.6	67.4	74.7	80.1	86.1	87.3	89.1	90.4	90.5	91.4	92.2	92.3	92.6	92.6	92.7	93.3
≥ 100	54.6	67.4	74.7	80.1	86.1	87.3	89.1	91.7	92.1	94.1	95.0	95.1	95.9	96.1	97.1	98.7
0	54.6	67.4	74.7	80.1	86.1	87.3	89.1	91.7	92.1	94.1	95.0	95.1	95.9	96.1	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1350

USAF ETAC FORM JUL 66 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~94743~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS ~~JUN~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~0600-0900~~ HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.1	49.1	51.5	53.3	55.0	55.4	55.6	55.6	55.7	55.9	56.0	56.0	56.0	56.0	56.1	56.2
≥ 20000	46.0	52.5	55.2	57.3	59.2	59.6	59.9	59.9	60.0	60.2	60.4	60.4	60.4	60.4	60.4	60.4
≥ 18000	46.1	52.6	55.3	57.4	59.3	59.9	60.2	60.2	60.3	60.5	60.7	60.7	60.7	60.7	60.7	60.9
≥ 16000	46.1	52.7	55.4	57.6	59.6	60.1	60.4	60.4	60.4	60.7	60.8	60.8	60.8	60.8	60.9	61.0
≥ 14000	46.7	53.7	56.4	58.6	60.7	61.1	61.4	61.5	61.6	61.8	61.9	61.9	61.9	61.9	62.0	62.1
≥ 12000	48.1	55.5	58.4	60.8	63.0	63.4	63.7	63.8	63.9	64.1	64.3	64.3	64.3	64.3	64.4	64.4
≥ 10000	50.0	58.2	61.3	63.8	66.0	66.4	66.7	66.8	66.9	67.1	67.3	67.3	67.3	67.3	67.3	67.6
≥ 9000	50.8	58.3	62.4	65.0	67.2	67.6	67.9	68.0	68.1	68.3	68.4	68.4	68.4	68.4	68.5	68.7
≥ 8000	51.9	61.6	64.7	67.3	69.6	70.0	70.4	70.4	70.5	70.7	70.9	70.9	70.9	70.9	71.0	71.2
≥ 7000	53.1	63.2	66.5	69.1	71.3	71.8	72.1	72.2	72.3	72.5	72.7	72.7	72.7	72.7	72.7	73.0
≥ 6000	53.9	64.1	67.6	70.3	72.5	73.0	73.3	73.4	73.5	73.7	73.9	73.9	73.9	73.9	74.0	74.2
≥ 5000	55.3	65.9	69.5	72.2	74.4	74.9	75.3	75.3	75.4	75.6	76.0	76.0	76.0	76.0	76.1	76.3
≥ 4500	55.5	66.2	69.9	72.6	74.8	75.3	75.6	75.7	75.8	76.2	76.4	76.4	76.4	76.4	76.5	76.7
≥ 4000	56.1	66.8	70.4	73.3	75.6	76.0	76.4	76.4	76.5	77.0	77.2	77.2	77.2	77.2	77.3	77.5
≥ 3500	56.4	67.3	70.9	73.8	76.0	76.5	77.0	77.0	77.1	77.6	77.8	77.8	77.8	77.8	77.9	78.1
≥ 3000	56.9	68.0	71.7	74.7	77.0	77.5	77.9	78.0	78.1	78.5	78.7	78.7	78.7	78.7	78.8	79.0
≥ 2500	57.1	68.4	72.1	75.2	77.6	78.1	78.5	78.6	78.7	79.2	79.4	79.4	79.4	79.4	79.5	79.7
≥ 2000	57.6	68.9	72.7	75.9	78.3	78.9	79.4	79.5	79.6	80.1	80.3	80.3	80.3	80.3	80.4	80.6
≥ 1800	57.6	69.0	72.9	76.1	78.5	79.1	79.6	79.7	79.8	80.3	80.5	80.5	80.5	80.5	80.6	80.8
≥ 1500	58.1	69.9	73.8	77.3	79.9	80.6	81.0	81.1	81.2	81.8	82.0	82.0	82.0	82.0	82.1	82.3
≥ 1200	58.5	70.7	74.7	78.4	81.0	81.8	82.4	82.5	82.6	83.2	83.5	83.5	83.5	83.5	83.6	83.8
≥ 1000	58.8	71.2	75.5	79.2	81.9	82.7	83.3	83.3	83.4	84.1	84.4	84.4	84.4	84.4	84.5	84.7
≥ 900	59.0	71.6	76.0	79.8	82.5	83.3	84.0	84.1	84.2	84.9	85.2	85.2	85.2	85.2	85.3	85.5
≥ 800	59.3	71.8	76.5	80.4	83.3	84.3	85.1	85.2	85.3	86.0	86.4	86.4	86.4	86.4	86.5	86.8
≥ 700	59.6	72.3	77.1	81.1	84.1	85.4	86.4	86.7	86.8	87.6	87.9	87.9	87.9	87.9	87.9	88.1
≥ 400	59.8	72.6	77.7	81.9	84.9	87.0	88.3	88.5	88.6	89.5	89.8	89.8	89.8	89.8	89.9	90.1
≥ 500	59.9	72.9	78.1	82.7	87.3	88.7	90.0	90.7	91.0	92.0	92.3	92.4	92.4	92.4	92.3	92.7
≥ 400	59.9	73.1	78.4	83.2	88.1	89.6	91.4	92.2	92.5	93.6	93.9	94.2	94.2	94.2	94.1	94.5
≥ 300	59.9	73.1	78.4	83.4	88.3	90.1	92.1	93.0	94.1	95.1	95.6	95.9	96.2	96.2	96.3	96.5
≥ 200	59.9	73.1	78.4	83.5	88.5	90.3	92.4	93.4	94.5	95.6	96.2	96.5	96.8	96.8	96.9	97.1
≥ 100	59.9	73.1	78.4	83.5	88.5	90.3	92.5	93.5	94.6	95.7	96.4	96.7	97.0	97.0	97.1	97.3
≥ 0	59.9	73.1	78.4	83.5	88.5	90.3	92.5	93.5	94.6	95.7	96.4	96.7	97.0	97.0	97.1	97.3

TOTAL NUMBER OF OBSERVATIONS 1380

USAF ETAC FORM AWS M 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 50-70 YEARS — JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.1	51.6	53.3	53.9	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 20000	51.1	57.4	59.6	60.1	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000	51.2	57.6	59.8	60.3	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 16000	51.7	58.1	60.2	60.8	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 14000	52.7	59.2	61.3	61.9	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	54.8	61.1	63.2	63.9	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10000	56.8	64.1	66.4	67.0	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 9000	57.9	65.2	67.6	68.1	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 8000	59.2	66.7	69.1	69.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 7000	60.1	67.9	70.4	71.0	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000	60.3	68.1	70.7	71.3	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 5000	61.4	68.8	72.4	73.3	74.6	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 4500	62.1	70.6	73.4	74.4	75.6	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4000	62.3	71.8	74.6	75.6	76.8	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3500	63.9	72.4	75.3	76.4	77.8	77.9	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000	64.2	74.0	77.0	78.1	79.5	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2500	66.4	75.2	78.2	79.4	80.7	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2000	67.1	76.1	79.1	80.3	82.0	82.1	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1800	67.2	76.2	79.3	80.4	82.1	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1500	68.2	77.7	81.2	82.5	84.3	84.4	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1200	69.0	78.7	82.4	83.9	85.7	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1000	69.4	79.6	83.4	85.3	87.3	87.5	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 900	70.1	80.3	84.4	86.2	88.4	88.7	89.0	89.1	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4
≥ 800	70.7	81.4	85.3	87.4	89.9	90.3	90.7	90.8	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 700	70.9	81.7	85.8	88.3	91.0	91.3	91.9	92.1	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 600	71.0	82.1	86.3	89.3	92.4	92.8	93.3	93.5	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 500	71.0	82.4	86.7	90.0	93.4	93.9	94.5	94.8	95.0	95.2	95.3	95.4	95.4	95.4	95.4	95.4
≥ 400	71.0	82.8	87.2	90.2	93.7	94.4	95.2	95.5	95.7	95.9	96.0	96.1	96.1	96.1	96.1	96.1
≥ 300	71.0	82.8	87.2	90.2	93.8	94.8	96.1	96.7	97.0	97.3	97.5	97.6	97.6	97.6	97.6	97.6
≥ 200	71.0	82.8	87.2	90.2	93.9	94.9	96.3	97.0	97.3	97.6	97.8	97.9	97.9	97.9	97.9	97.9
≥ 100	71.0	82.8	87.2	90.2	93.9	94.9	96.3	97.0	97.3	97.6	97.8	97.9	97.9	97.9	97.9	97.9
0	71.0	82.8	87.2	90.2	93.9	94.9	96.3	97.0	97.3	97.6	97.8	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS 1330

USAF ETAC FORM JUL 54 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04742 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 58-70 YEARS — JUN MONTH — 1200-1400 (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	44.2	48.6	49.6	49.9	50.1	50.1	50.1	50.1	50.1	50.1	0.1	50.1	50.1	50.1	50.1	50.1
	50.7	56.1	57.3	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 18000 ≥ 16000	50.9	56.3	57.6	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
	51.2	56.6	57.9	58.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 14000 ≥ 12000	51.7	57.3	58.6	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
	52.0	58.0	60.4	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 10000 ≥ 9000	54.6	61.3	62.0	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
	58.2	64.6	65.4	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 8000 ≥ 7000	55.9	62.9	64.7	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
	57.4	64.7	66.7	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 6000 ≥ 5000	59.0	66.4	68.4	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
	61.0	68.4	71.6	72.6	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4500 ≥ 4000	63.2	71.2	73.3	74.4	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
	66.0	74.1	76.4	77.5	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500 ≥ 3000	67.0	75.9	78.1	79.2	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
	69.9	78.7	81.0	82.2	83.0	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500 ≥ 2000	70.9	79.8	82.1	83.6	84.6	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
	73.3	82.5	84.9	86.6	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1800 ≥ 1500	71.0	81.2	83.5	85.0	86.3	86.3	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
	72.0	82.4	84.7	86.4	87.6	87.7	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1200 ≥ 1000	72.6	83.3	85.6	87.6	88.9	89.0	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
	73.8	85.0	86.3	88.4	90.0	90.1	90.7	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 900 ≥ 800	73.2	84.1	86.6	89.0	90.4	90.6	91.2	91.3	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6
	73.4	84.4	87.0	89.9	91.4	91.6	92.2	92.4	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 700 ≥ 600	73.6	85.1	87.9	91.1	92.7	92.9	93.6	93.9	93.9	94.1	94.2	94.3	94.4	94.4	94.4	94.4
	73.7	85.2	88.0	91.2	92.9	93.1	93.8	94.1	94.1	94.4	94.7	94.7	94.8	94.8	94.8	94.8
≥ 500 ≥ 400	73.9	85.6	88.9	92.4	94.4	95.0	96.3	96.7	96.7	97.1	97.3	97.3	97.4	97.4	97.4	97.4
	74.0	85.8	89.1	92.6	94.7	95.3	96.6	97.0	97.0	97.4	97.7	97.7	97.8	97.8	97.8	97.8
≥ 300 ≥ 200	73.8	85.9	89.2	92.6	94.7	95.3	96.7	97.1	97.1	97.7	98.0	98.0	98.1	98.1	98.1	98.1
	73.8	85.9	89.2	92.6	94.7	95.3	96.7	97.1	97.1	97.7	98.0	98.0	98.1	98.1	98.1	98.1
≥ 100 ≥ 0	73.8	85.9	89.2	92.6	94.7	95.3	96.7	97.1	97.1	97.7	98.0	98.0	98.1	98.1	98.1	98.1
	73.8	85.9	89.2	92.6	94.7	95.3	96.7	97.1	97.1	97.7	98.0	98.0	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 1380

USAF ETAC FORM JULIAN 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04743~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1500-1700~~ HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.2	50.0	50.9	51.3	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	52.8	58.2	59.2	59.8	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	53.9	58.3	59.4	59.9	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 16000	54.0	58.4	59.6	60.0	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 14000	55.0	59.4	60.5	61.0	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	56.6	61.1	62.2	62.7	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	58.9	63.8	64.9	65.4	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 9000	59.3	64.2	65.3	65.9	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 8000	60.7	65.8	67.0	67.7	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 7000	62.3	67.6	68.9	69.9	71.1	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000	63.9	69.3	70.7	71.7	73.0	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 5000	66.0	71.8	73.3	74.4	75.8	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4500	66.8	72.7	74.1	75.3	76.7	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000	69.3	75.8	77.4	78.7	80.3	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3500	70.4	77.0	78.7	80.0	81.6	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3000	71.8	78.5	80.3	81.7	83.4	83.9	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3
≥ 2500	72.2	79.9	81.8	83.3	85.1	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1
≥ 2000	72.8	80.4	82.4	83.9	86.0	86.5	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 1800	72.8	80.4	82.4	84.0	86.1	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
≥ 1500	72.7	81.1	83.1	84.8	86.9	87.3	87.5	87.5	87.5	87.5	87.5	87.5	88.0	88.0	88.0	88.0
≥ 1200	73.0	81.6	83.7	85.6	87.8	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	73.3	82.0	84.2	86.2	88.4	89.2	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0
≥ 900	73.6	82.4	84.8	87.0	89.4	90.0	90.6	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8
≥ 800	74.0	83.1	85.7	88.0	90.5	91.2	91.8	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1
≥ 700	74.1	83.5	86.3	88.7	91.3	92.0	92.6	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 600	74.2	83.7	86.9	89.3	92.0	92.8	93.4	93.6	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.0
≥ 500	74.4	84.1	87.4	90.2	93.3	94.1	95.0	95.3	95.6	95.7	95.8	95.8	95.9	95.9	95.9	95.9
≥ 400	74.4	84.1	87.5	90.3	93.6	94.7	95.8	96.2	96.6	96.7	97.0	97.1	97.2	97.2	97.2	97.2
≥ 300	74.4	84.1	87.5	90.3	93.7	94.9	96.0	96.5	96.9	97.0	97.2	97.3	97.4	97.4	97.4	97.4
≥ 200	74.4	84.1	87.5	90.3	93.9	95.0	96.1	96.6	97.0	97.1	97.3	97.4	97.5	97.5	97.5	97.5
≥ 100	74.4	84.1	87.5	90.3	93.9	95.0	96.2	96.7	97.2	97.3	97.5	97.6	97.7	97.7	97.8	97.8
≥ 0	74.4	84.1	87.5	90.3	93.9	95.0	96.2	96.7	97.2	97.3	97.5	97.6	97.7	97.7	97.8	98.0

TOTAL NUMBER OF OBSERVATIONS 1380

USAF ETAC FORM NO. 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.7	48.6	49.3	50.1	50.8	50.8	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	49.9	55.3	56.1	57.2	58.3	58.4	58.6	58.6	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8
≥ 18000	50.0	55.6	56.4	57.5	58.7	58.8	59.0	59.0	59.0	59.0	59.1	59.2	59.2	59.2	59.2	59.2
≥ 16000	50.2	55.9	56.7	57.8	59.1	59.2	59.3	59.3	59.3	59.4	59.4	59.5	59.5	59.5	59.5	59.5
≥ 14000	51.3	56.9	57.9	59.0	60.3	60.5	60.7	60.7	60.7	60.7	60.8	60.9	60.9	60.9	60.9	60.9
≥ 12000	53.2	59.0	60.0	61.3	62.6	62.8	63.0	63.0	63.0	63.0	63.1	63.2	63.2	63.2	63.2	63.2
≥ 10000	57.0	63.1	64.3	65.7	67.1	67.3	67.5	67.5	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7
≥ 9000	57.5	63.6	64.8	66.4	67.9	68.1	68.2	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	59.9	66.5	67.8	69.4	71.1	71.4	71.6	71.6	71.6	71.7	71.8	71.9	71.9	71.9	71.9	71.9
≥ 7000	61.8	68.6	70.1	72.1	74.0	74.3	74.4	74.4	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7
≥ 6000	63.0	70.4	72.0	74.0	75.9	76.2	76.4	76.4	76.4	76.5	76.6	76.7	76.7	76.7	76.7	76.7
≥ 5000	64.8	72.7	74.2	76.3	78.2	78.5	78.7	78.7	78.7	78.8	78.9	79.0	79.0	79.0	79.0	79.0
≥ 4500	65.0	73.5	75.0	77.3	79.2	79.5	79.7	79.7	79.7	79.9	79.9	80.0	80.0	80.0	80.0	80.0
≥ 4000	66.7	74.9	76.4	78.9	81.0	81.3	81.4	81.5	81.6	81.8	81.9	82.0	82.1	82.1	82.1	82.1
≥ 3500	67.4	76.0	77.6	80.1	82.1	82.5	82.8	83.0	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3
≥ 3000	68.2	77.2	78.7	81.3	83.3	84.0	84.3	84.4	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2500	69.3	78.4	80.0	82.8	85.0	85.5	86.0	86.1	86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2000	69.8	78.7	80.4	83.3	85.6	86.1	86.6	86.7	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1800	69.7	78.9	80.6	83.6	85.8	86.3	86.8	87.0	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3
≥ 1500	69.9	79.1	81.0	84.1	86.3	86.8	87.3	87.4	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7
≥ 1200	70.4	79.9	81.8	85.0	87.3	87.8	88.3	88.5	88.5	88.7	88.8	88.9	88.9	88.9	88.9	88.9
≥ 1000	70.7	80.1	82.1	85.4	87.7	88.2	88.7	89.0	89.0	89.2	89.3	89.4	89.4	89.4	89.4	89.4
≥ 900	70.8	80.3	82.6	85.9	88.2	88.7	89.3	89.6	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9
≥ 800	70.9	80.7	83.0	86.4	88.8	89.3	89.8	90.0	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	71.0	81.1	83.7	87.1	89.9	90.4	91.0	91.3	91.3	91.6	91.7	91.8	91.8	91.8	91.8	91.8
≥ 600	71.2	81.3	84.0	87.6	90.7	91.3	91.9	92.2	92.2	92.7	92.7	92.8	92.8	92.8	92.8	92.8
≥ 500	71.2	81.5	84.3	88.3	91.6	92.2	92.9	93.3	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.0
≥ 400	71.2	81.6	84.7	88.7	92.1	92.8	93.5	93.9	94.2	94.5	94.5	94.6	94.6	94.6	94.6	94.6
≥ 300	71.2	81.7	85.0	89.0	92.6	93.3	94.1	94.5	94.8	95.1	95.2	95.3	95.3	95.3	95.3	95.3
≥ 200	71.2	81.7	85.0	89.0	92.6	93.3	94.1	94.5	94.8	95.2	95.3	95.4	95.4	95.4	95.4	95.4
≥ 100	71.2	81.7	85.0	89.0	92.7	93.4	94.2	94.7	94.9	95.4	95.7	95.8	95.8	95.8	95.8	95.8
0	71.2	81.7	85.0	89.0	92.7	93.4	94.2	94.7	94.9	95.4	95.7	95.8	95.8	95.8	95.8	95.8

TOTAL NUMBER OF OBSERVATIONS 1580

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 STATION — PEASE AFB N H/PORTSMOUTH EXTENDED NAME — 58-70 YEARS — JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	43.8	50.8	53.5	55.3	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3
	46.7	54.4	57.4	59.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.8	61.8	61.8
≥ 18000 ≥ 16000	46.8	54.7	57.7	59.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.1	62.1	62.1
	47.1	55.0	58.0	60.1	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5
≥ 14000 ≥ 12000	47.8	55.9	59.0	61.2	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6
	48.8	57.3	60.8	62.7	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.2	65.2	65.2
≥ 10000 ≥ 9000	50.8	59.6	63.1	65.6	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1
	51.4	60.4	64.0	66.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.2	69.2	69.2
≥ 8000 ≥ 7000	53.9	63.7	67.6	70.7	73.0	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4
	55.8	65.6	69.8	73.0	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9
≥ 6000 ≥ 5000	56.7	67.2	71.1	74.7	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.8	77.8
	58.3	68.8	73.1	76.8	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.9	79.9	79.9
≥ 4500 ≥ 4000	58.7	70.0	73.9	77.8	80.3	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9	81.0	81.0	81.0
	59.6	71.3	75.4	79.3	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.7	82.7	82.7	82.8	82.8
≥ 3500 ≥ 3000	60.5	72.7	76.7	80.7	83.4	83.6	83.8	83.9	83.9	83.9	83.9	84.0	84.0	84.1	84.1	84.1
	60.7	73.2	77.3	81.3	84.0	84.2	84.4	84.5	84.5	84.5	84.5	84.6	84.6	84.7	84.7	84.7
≥ 2500 ≥ 2000	61.1	73.7	78.2	82.3	85.0	85.3	85.5	85.7	85.7	85.7	85.7	85.8	85.8	85.9	85.9	85.9
	61.3	73.9	78.7	82.8	85.7	86.0	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.6	86.6
≥ 1800 ≥ 1500	61.5	74.4	79.1	83.2	86.2	86.5	86.7	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.1	87.1
	61.6	74.7	79.4	83.6	86.7	87.0	87.2	87.4	87.4	87.4	87.4	87.5	87.5	87.6	87.6	87.6
≥ 1200 ≥ 1000	62.0	75.0	79.8	84.3	87.4	87.7	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.3	88.3
	62.1	75.3	80.1	84.8	87.9	88.2	88.4	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.9	88.9
≥ 900 ≥ 800	62.1	75.4	80.2	85.1	88.2	88.6	88.8	89.0	89.0	89.0	89.0	89.1	89.1	89.2	89.3	89.3
	62.3	75.7	80.6	85.6	88.8	89.1	89.3	89.7	89.7	89.7	89.7	89.8	89.8	89.9	89.9	89.9
≥ 700 ≥ 600	62.4	76.1	81.0	85.9	89.1	89.4	89.7	90.2	90.2	90.2	90.2	90.3	90.3	90.4	90.4	90.4
	62.6	76.5	81.5	86.7	89.9	90.2	90.5	91.0	91.0	91.0	91.0	91.1	91.1	91.2	91.3	91.3
≥ 500 ≥ 400	62.8	76.8	82.1	87.3	91.0	92.0	92.8	93.9	93.9	93.9	93.1	93.1	93.2	93.2	93.3	93.3
	62.8	76.8	82.1	87.6	91.3	92.3	93.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.4	94.4
≥ 300 ≥ 200	62.8	76.8	82.1	87.8	91.6	92.8	93.8	95.0	95.0	95.2	95.3	95.3	95.3	95.5	95.6	95.6
	62.8	76.8	82.1	87.8	91.8	93.0	94.0	95.3	95.3	95.6	95.7	95.8	95.8	96.0	96.1	96.1
≥ 100 0	62.8	76.8	82.1	87.8	91.9	93.0	94.1	95.4	95.4	95.8	96.0	96.1	96.1	96.3	96.4	96.4
	62.8	76.8	82.1	87.8	91.9	93.0	94.1	95.4	95.4	95.8	96.0	96.1	96.1	96.3	96.4	96.4

TOTAL NUMBER OF OBSERVATIONS 1380

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04742 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 50-70 YEARS — JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0300 LOCAL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.5	50.5	54.1	56.7	59.4	60.0	60.6	61.1	61.1	61.4	61.5	61.5	61.7	61.9	61.9	61.9
≥ 20000	44.9	54.0	57.8	60.9	64.9	65.5	66.3	66.9	66.9	67.2	67.3	67.3	67.5	67.7	67.7	67.7
≥ 18000	44.9	54.2	58.1	61.3	65.2	65.9	66.7	67.3	67.3	67.6	67.7	67.7	68.0	68.1	68.2	68.2
≥ 16000	44.9	54.3	58.2	61.4	65.3	66.2	67.0	67.6	67.6	67.9	68.0	68.0	68.2	68.4	68.5	68.5
≥ 14000	45.3	54.9	58.9	62.3	66.5	67.2	68.0	68.6	68.6	68.9	69.0	69.0	69.2	69.4	69.5	69.5
≥ 12000	44.6	54.6	60.6	64.2	68.7	69.4	70.2	70.8	70.8	71.1	71.3	71.3	71.5	71.8	71.7	71.8
≥ 10000	47.6	58.6	62.7	66.5	71.3	72.1	72.9	73.5	73.5	73.8	74.0	74.0	74.2	74.3	74.4	74.5
≥ 9000	48.0	59.1	63.2	67.0	71.8	72.5	73.3	73.9	73.9	74.3	74.4	74.4	74.6	74.8	74.8	74.9
≥ 8000	49.5	61.7	66.2	70.1	74.9	75.8	76.6	77.2	77.2	77.6	77.7	77.7	77.9	78.1	78.1	78.2
≥ 7000	50.0	62.8	67.4	71.8	76.4	77.3	78.2	78.8	78.8	79.1	79.3	79.3	79.5	79.6	79.7	79.8
≥ 6000	50.5	63.3	67.9	72.5	77.3	78.2	79.1	79.8	79.8	80.1	80.3	80.3	80.5	80.6	80.7	80.8
≥ 5000	51.1	64.2	68.9	73.7	78.6	79.4	80.4	81.0	81.0	81.4	81.5	81.5	81.7	81.9	81.9	82.0
≥ 4500	51.3	64.5	69.3	74.1	79.0	79.9	80.9	81.5	81.5	81.9	82.0	82.0	82.2	82.4	82.4	82.5
≥ 4000	51.8	65.4	70.3	75.2	80.1	80.9	82.0	82.7	82.7	83.0	83.2	83.2	83.4	83.5	83.6	83.7
≥ 3500	52.1	65.9	70.8	75.7	80.6	81.5	82.7	83.3	83.3	83.7	83.8	83.8	84.0	84.2	84.2	84.3
≥ 3000	52.1	66.3	71.2	76.1	81.1	82.0	83.2	83.8	83.8	84.2	84.3	84.3	84.5	84.7	84.7	84.8
≥ 2500	52.4	66.8	71.7	76.6	81.6	82.5	83.7	84.3	84.3	84.7	84.9	84.9	85.1	85.2	85.3	85.4
≥ 2000	52.6	67.5	72.5	77.5	82.5	83.4	84.7	85.3	85.3	85.7	85.9	85.9	86.2	86.3	86.4	86.5
≥ 1800	52.8	67.7	72.8	77.8	82.9	83.8	85.0	85.7	85.7	86.1	86.2	86.2	86.5	86.7	86.7	86.8
≥ 1500	52.8	67.7	73.0	78.1	83.1	84.0	85.2	85.9	85.9	86.3	86.5	86.5	86.7	86.9	87.0	87.0
≥ 1200	52.8	68.0	73.3	78.4	83.6	84.6	85.8	86.5	86.5	86.9	87.0	87.0	87.3	87.5	87.5	87.6
≥ 1000	53.1	68.4	74.1	79.1	84.2	85.2	86.4	87.1	87.1	87.5	87.7	87.7	88.0	88.1	88.2	88.2
≥ 900	53.1	68.4	74.2	79.2	84.4	85.4	86.6	87.3	87.3	87.7	87.9	87.9	88.2	88.3	88.4	88.5
≥ 800	53.1	68.4	74.3	79.4	84.5	85.5	86.7	87.5	87.5	87.9	88.0	88.0	88.3	88.5	88.5	88.6
≥ 700	53.1	68.5	74.6	79.6	84.9	85.9	87.1	87.8	87.8	88.2	88.4	88.4	88.7	88.8	88.9	89.0
≥ 600	53.2	68.6	74.6	79.7	85.1	86.1	87.3	88.0	88.0	88.4	88.5	88.5	88.8	89.0	89.1	89.2
≥ 500	53.2	68.7	74.6	80.8	86.3	87.6	89.0	89.7	89.7	90.3	90.4	90.4	90.7	90.8	90.9	91.0
≥ 400	53.3	68.8	74.7	81.2	87.2	88.6	90.0	90.8	90.8	91.3	91.5	91.5	91.8	92.0	92.1	92.2
≥ 300	53.3	68.8	74.7	81.3	87.3	88.7	90.3	91.2	91.2	91.7	92.0	92.0	92.3	92.4	92.6	92.7
≥ 200	53.3	68.8	74.7	81.3	87.3	88.7	90.3	91.2	91.2	91.8	92.1	92.1	92.4	92.5	92.6	92.7
≥ 100	53.3	68.8	74.7	81.3	87.3	89.1	91.0	92.2	92.2	92.8	93.2	93.2	93.6	93.8	93.9	94.1
0	53.3	68.8	74.7	81.3	87.3	89.1	91.0	92.2	92.2	92.8	93.2	93.2	93.6	93.8	93.9	94.1

TOTAL NUMBER OF OBSERVATIONS 1295

USAF ETAC FORM AUG 68 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04742~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS ~~JUL~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0300-0500~~ HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.7	46.2	48.7	51.1	54.1	54.8	55.8	56.3	56.4	56.9	57.3	57.3	57.4	57.6	57.8	58.1
≥ 20000	40.9	49.3	53.3	55.0	58.8	59.4	60.5	61.1	61.3	61.8	62.3	62.3	62.4	62.5	62.6	63.2
≥ 18000	41.1	49.5	52.5	55.2	59.0	59.6	60.9	61.4	61.5	62.1	62.5	62.5	62.6	62.7	63.0	63.4
≥ 16000	41.1	49.5	52.6	55.4	59.2	59.8	61.2	61.7	61.8	62.4	62.8	62.8	62.9	63.1	63.4	63.7
≥ 14000	41.5	50.1	53.2	56.1	60.1	60.8	62.1	62.6	62.7	63.3	63.7	63.7	63.8	63.9	64.2	64.6
≥ 12000	42.2	51.0	54.3	57.2	61.4	62.1	63.4	63.9	64.0	64.6	65.0	65.0	65.1	65.2	65.5	65.9
≥ 10000	43.9	53.8	57.3	60.4	64.9	65.6	66.9	67.4	67.5	68.1	68.5	68.5	68.6	68.7	69.0	69.4
≥ 9000	44.2	54.1	57.6	60.7	65.4	66.1	67.6	68.1	68.2	68.8	69.2	69.2	69.3	69.4	69.7	70.1
≥ 8000	45.4	56.3	60.2	63.7	68.7	69.4	71.0	71.5	71.7	72.3	72.8	72.8	72.8	73.0	73.3	73.7
≥ 7000	45.7	56.8	60.6	64.3	69.2	70.3	72.4	73.0	73.1	73.8	74.3	74.3	74.4	74.6	74.8	75.3
≥ 6000	46.1	57.3	61.2	65.0	70.4	71.3	73.1	73.7	73.8	74.6	75.0	75.0	75.1	75.3	75.6	76.0
≥ 5000	46.8	58.3	62.2	66.1	71.5	72.3	74.1	74.8	75.0	75.7	76.1	76.1	76.2	76.4	76.7	77.1
≥ 4500	47.1	58.6	62.6	66.7	72.0	72.9	74.8	75.4	75.6	76.3	76.7	76.7	76.8	77.0	77.3	77.7
≥ 4000	47.8	59.4	63.5	67.7	73.3	74.2	76.1	76.7	76.8	77.4	78.0	78.0	78.1	78.3	78.6	79.0
≥ 3500	47.9	59.5	63.7	68.0	73.8	74.7	76.6	77.2	77.3	78.1	78.5	78.5	78.6	78.8	79.1	79.5
≥ 3000	48.7	60.6	64.8	69.2	75.1	75.9	77.8	78.4	78.4	79.3	79.7	79.7	79.8	80.0	80.3	80.7
≥ 2500	49.1	61.2	65.4	69.9	75.8	76.7	78.6	79.2	79.4	80.1	80.6	80.6	80.7	80.9	81.1	81.6
≥ 2000	49.5	61.8	66.0	70.5	76.3	77.3	79.2	79.9	80.1	80.9	81.4	81.4	81.5	81.6	81.9	82.4
≥ 1800	49.7	61.9	66.4	70.9	76.8	77.7	79.7	80.3	80.5	81.3	81.7	81.7	81.9	82.0	82.3	82.7
≥ 1500	49.8	62.1	66.5	71.1	77.1	78.0	80.1	80.6	80.9	81.8	82.2	82.2	82.4	82.5	82.8	83.2
≥ 1200	50.0	62.8	67.2	72.0	78.2	79.1	81.2	81.8	82.1	82.9	83.3	83.3	83.7	83.8	84.1	84.5
≥ 1000	50.1	63.0	67.4	72.4	78.6	79.6	81.8	82.4	82.7	83.6	84.2	84.2	84.3	84.4	84.7	85.2
≥ 900	50.1	63.2	67.8	72.6	79.0	79.9	82.0	82.7	82.9	83.8	84.4	84.4	84.5	84.7	84.9	85.4
≥ 800	50.1	63.4	68.1	73.0	79.3	80.4	82.6	83.2	83.3	84.4	85.0	85.0	85.2	85.3	85.6	86.0
≥ 700	50.2	63.5	68.5	73.4	80.1	81.1	83.4	84.1	84.4	85.7	86.2	86.2	86.4	86.6	86.8	87.2
≥ 600	50.2	63.5	68.7	73.7	80.5	81.7	84.1	84.8	85.0	86.4	86.7	86.7	87.2	87.4	87.8	88.2
≥ 500	50.2	63.5	68.9	74.0	81.2	82.3	84.9	85.6	85.9	87.2	87.7	87.8	88.3	88.5	88.9	89.3
≥ 400	50.2	63.7	69.2	74.3	81.6	82.8	85.5	86.2	86.5	87.9	88.4	88.4	89.0	89.1	89.6	90.0
≥ 300	50.2	63.7	69.3	74.5	81.6	83.0	85.7	86.4	86.8	88.2	88.7	88.8	89.4	89.6	90.1	90.5
≥ 200	50.2	63.7	69.3	74.5	81.7	83.1	85.8	86.5	86.9	88.3	88.8	88.9	89.5	89.7	90.2	90.6
≥ 100	50.2	63.7	69.3	74.5	81.7	83.2	85.9	86.6	87.0	88.4	88.9	89.0	89.6	89.8	90.3	90.7
0	50.2	63.7	69.3	74.5	81.7	83.2	85.9	86.6	87.0	88.4	88.9	89.0	89.6	89.8	90.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1393

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0800 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.3	42.6	44.4	47.2	49.7	50.3	50.9	51.7	51.8	51.9	52.0	52.0	52.2	52.2	52.2	52.3
≥ 20000	40.6	47.2	49.5	52.5	55.4	56.0	57.0	57.8	58.1	58.1	58.4	58.4	58.5	58.5	58.6	58.7
≥ 18000	40.9	47.5	49.8	52.8	55.7	56.3	57.3	58.1	58.4	58.4	58.6	58.6	58.8	58.8	58.9	59.0
≥ 16000	41.2	47.9	50.3	53.3	56.1	56.7	57.7	58.7	58.9	59.0	59.2	59.2	59.4	59.4	59.4	59.6
≥ 14000	42.4	49.1	51.5	54.6	57.5	58.1	59.1	60.1	60.3	60.4	60.6	60.6	60.7	60.7	60.8	60.9
≥ 12000	43.4	51.0	53.4	56.6	59.6	60.3	61.4	62.4	62.7	62.7	62.9	62.9	63.1	63.1	63.2	63.3
≥ 10000	45.9	54.3	56.9	60.5	63.7	64.4	65.6	66.6	66.8	66.9	67.1	67.1	67.2	67.2	67.3	67.5
≥ 9000	46.4	54.8	57.4	61.1	64.2	64.9	66.2	67.2	67.4	67.5	67.7	67.7	67.8	67.8	67.9	68.0
≥ 8000	48.2	57.3	60.4	64.6	68.0	68.7	70.0	71.0	71.3	71.4	71.6	71.6	71.8	71.8	71.8	72.0
≥ 7000	49.4	58.9	62.1	66.4	70.0	71.0	72.3	73.4	73.6	73.8	74.0	74.0	74.2	74.2	74.3	74.4
≥ 6000	49.8	59.4	62.7	67.2	70.8	71.8	73.0	74.2	74.4	74.6	74.8	74.8	75.1	75.2	75.3	75.4
≥ 5000	50.1	59.9	63.2	67.8	71.5	72.5	74.0	75.1	75.3	75.5	75.8	75.8	76.1	76.2	76.3	76.4
≥ 4500	50.8	60.4	63.6	68.3	72.2	73.2	74.6	75.8	76.0	76.1	76.4	76.4	76.7	76.8	76.9	77.1
≥ 4000	51.1	61.3	64.5	69.3	73.3	74.3	75.8	77.1	77.3	77.5	77.8	77.8	78.1	78.2	78.3	78.4
≥ 3500	51.3	61.4	64.7	69.5	73.5	74.5	76.1	77.3	77.5	77.7	78.0	78.0	78.3	78.4	78.5	78.6
≥ 3000	51.8	62.2	65.6	70.5	74.8	75.8	77.4	78.6	78.8	79.1	79.4	79.4	79.6	79.8	79.9	80.0
≥ 2500	52.1	62.5	65.9	70.9	75.2	76.2	77.8	79.1	79.3	79.5	79.8	79.8	80.1	80.2	80.3	80.4
≥ 2000	52.3	62.7	66.2	71.2	75.6	76.6	78.2	79.5	79.7	79.9	80.2	80.2	80.5	80.6	80.7	80.9
≥ 1800	52.3	62.9	66.4	71.3	75.7	76.7	78.4	79.6	79.9	80.1	80.4	80.4	80.6	80.8	80.9	81.0
≥ 1500	52.7	63.3	67.0	72.0	76.4	77.4	79.1	80.4	80.6	80.8	81.1	81.1	81.4	81.6	81.6	81.8
≥ 1200	53.1	64.4	68.0	73.0	77.6	78.9	80.5	81.8	82.1	82.4	82.7	82.7	83.0	83.2	83.2	83.4
≥ 1000	53.3	64.8	68.2	73.4	78.0	79.4	80.9	82.3	82.7	82.9	83.2	83.2	83.5	83.7	83.8	84.0
≥ 900	53.5	65.2	69.2	74.7	79.6	80.8	82.6	83.9	84.2	84.4	84.7	85.0	85.3	85.4	85.5	85.7
≥ 800	53.6	65.4	69.4	75.4	80.7	81.9	83.7	85.1	85.4	85.6	86.2	86.2	86.5	86.7	86.7	86.9
≥ 700	53.7	65.9	70.1	76.2	81.6	82.8	84.7	86.1	86.4	87.0	87.3	87.3	87.6	87.7	87.8	88.0
≥ 600	53.7	65.9	70.4	76.4	82.2	83.4	85.3	86.7	87.1	87.6	88.3	88.3	88.6	88.7	88.8	89.0
≥ 500	53.8	66.1	70.7	77.3	83.0	84.3	86.2	88.1	88.3	88.9	89.3	89.8	89.8	90.1	90.3	90.5
≥ 400	53.8	66.2	71.0	77.8	83.7	85.1	87.0	88.9	89.2	89.7	91.0	91.3	91.6	92.0	92.0	92.2
≥ 300	53.8	66.2	71.0	78.1	84.1	85.5	87.5	89.5	89.8	90.3	91.6	92.0	92.0	92.5	92.6	92.8
≥ 200	53.8	66.2	71.0	78.1	84.2	85.6	87.6	89.6	89.9	90.4	91.8	92.3	92.3	92.8	92.9	93.2
≥ 100	53.8	66.2	71.0	78.1	84.2	85.6	87.6	89.6	89.9	90.4	91.8	92.3	92.3	92.8	92.9	93.2
0	53.8	66.2	71.0	78.1	84.2	85.6	87.6	89.6	89.9	90.4	91.8	92.3	92.3	92.8	92.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1395

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04743~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~56-70~~ YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0500-1100~~ HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.9	46.7	48.1	50.4	51.2	51.4	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	46.7	54.0	56.1	58.4	59.5	59.7	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 18000	47.0	54.2	56.3	58.9	59.7	59.9	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
16000	47.2	54.6	56.6	59.2	60.1	60.3	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 14000	48.0	55.5	57.6	60.3	61.2	61.4	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	48.7	56.1	58.4	61.1	64.0	64.2	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10000	51.9	61.1	63.6	66.8	67.9	68.1	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
9000	52.8	61.8	64.4	67.6	68.7	68.9	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 8000	53.9	64.2	66.7	70.3	71.4	71.6	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
7000	55.3	65.8	68.4	71.9	73.0	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 6000	55.9	66.8	69.5	73.0	74.3	74.5	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	73.0	73.0
5000	56.7	68.2	71.0	74.8	76.0	76.2	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	57.3	68.7	71.5	75.3	76.6	76.8	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
4500	58.4	70.1	73.1	76.8	78.1	78.4	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4500	58.9	70.9	73.9	78.0	79.2	79.4	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
4000	60.4	72.5	75.8	79.4	80.9	81.1	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	61.1	73.4	76.6	80.9	82.1	82.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
3000	61.8	74.1	77.3	81.4	82.8	83.1	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500	62.1	74.6	77.8	82.2	83.5	83.7	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
2000	62.9	75.4	78.1	82.4	84.0	84.2	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1800	64.1	77.1	80.6	85.0	86.7	87.0	87.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
1500	64.2	77.4	81.0	85.3	87.0	87.2	87.8	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1200	64.3	77.6	81.2	85.9	87.6	88.1	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
1000	64.7	78.1	81.9	87.0	88.1	88.8	89.7	89.8	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	64.7	78.3	82.1	87.4	89.0	90.3	90.9	91.0	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7
800	64.7	78.4	82.2	87.5	89.1	90.1	91.1	91.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 700	64.7	78.4	82.4	88.4	91.0	92.1	93.0	94.2	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0
600	64.7	78.4	82.4	88.4	91.1	92.2	93.1	94.3	94.6	96.1	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	64.7	78.4	82.5	89.2	92.3	93.7	95.3	97.3	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9
400	64.7	78.4	82.5	89.2	92.3	93.8	95.3	97.4	98.4	99.1	99.4	99.4	99.4	99.7	99.7	99.7
≥ 300	64.7	78.4	82.5	89.2	92.3	93.7	95.3	97.5	98.6	99.1	99.4	99.4	99.7	99.8	99.9	99.9
200	64.7	78.4	82.5	89.2	92.3	93.7	95.3	97.6	98.6	99.1	99.4	99.4	99.7	99.8	99.9	100.0
≥ 100	64.7	78.4	82.5	89.2	92.3	93.7	95.3	97.6	98.6	99.1	99.4	99.4	99.7	99.8	99.9	100.0
0	64.7	78.4	82.5	89.2	92.3	93.7	95.3	97.6	98.6	99.1	99.4	99.4	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1195

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04763~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1200-1400~~ HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.0	46.6	48.2	49.8	50.3	50.5	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	50.4	56.5	58.6	60.6	61.3	61.4	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000	50.8	57.2	59.0	60.9	61.7	61.9	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 16000	51.0	57.3	59.3	61.3	62.1	62.2	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 14000	51.6	58.4	60.3	62.4	63.2	63.3	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 12000	52.8	60.9	63.0	65.2	65.9	66.1	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000	56.1	63.4	65.6	67.7	68.5	68.7	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 9000	56.3	63.7	66.0	68.0	68.8	69.0	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 8000	57.6	65.6	67.8	70.2	71.0	71.1	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 7000	58.4	66.9	69.4	71.9	72.8	73.0	73.6	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 6000	58.7	67.4	70.1	72.7	73.6	73.9	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 5000	60.0	68.8	71.7	74.3	75.3	75.6	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4500	61.2	70.5	73.3	76.2	77.4	77.7	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4000	63.5	72.9	76.1	78.9	80.1	80.4	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3500	64.4	74.1	77.3	80.0	81.3	81.6	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3000	68.2	78.3	81.9	84.9	86.2	86.5	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2500	69.0	79.4	82.8	85.9	87.3	87.7	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2000	69.4	79.9	83.7	87.0	88.4	88.7	89.3	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	69.7	80.3	84.0	87.3	88.7	89.1	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	70.7	81.4	85.2	88.4	90.2	90.6	91.4	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	71.4	82.1	85.9	89.3	91.2	91.7	92.5	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	71.7	82.4	86.3	90.1	91.9	92.4	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	71.7	82.6	86.6	90.5	92.4	93.0	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	71.8	82.9	86.9	90.9	93.2	93.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	71.8	83.1	87.2	91.3	93.6	94.3	95.1	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	71.9	83.2	87.3	91.6	94.0	94.8	95.8	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	71.9	83.4	88.1	92.3	95.1	95.8	96.8	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	71.9	83.4	88.1	92.3	95.2	95.9	97.1	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	71.9	83.4	88.1	92.3	95.2	96.0	97.2	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 200	71.9	83.4	88.1	92.3	95.2	96.0	97.2	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 100	71.9	83.4	88.1	92.3	95.2	96.0	97.2	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
0	71.9	83.4	88.1	92.3	95.2	96.0	97.2	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1295

USAF ETAC FORM AUG 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04764~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1300-1700~~ (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.4	47.2	48.2	49.7	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	49.7	56.3	57.8	59.9	61.2	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000	50.0	56.5	58.1	60.1	61.5	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	50.3	56.8	58.4	60.5	61.9	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 14000	51.2	57.8	59.6	61.8	63.2	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 12000	53.3	60.9	63.1	65.3	67.1	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	54.8	62.8	65.1	67.7	69.4	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	55.2	63.3	65.9	68.6	70.3	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 8000	57.3	66.0	69.1	72.0	73.8	74.3	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6
≥ 7000	58.6	67.4	70.5	73.4	75.2	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	59.3	68.5	71.9	74.8	76.8	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 5000	61.0	70.3	74.1	77.2	79.3	80.0	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4500	62.3	71.9	75.6	78.7	81.3	81.9	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4000	64.2	74.1	78.1	81.4	84.1	84.9	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3500	64.7	74.7	78.6	81.9	84.9	85.4	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	66.1	76.7	81.3	84.8	87.7	88.3	88.7	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2500	66.5	77.8	82.7	86.5	89.5	90.0	90.5	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	66.9	78.2	83.3	87.1	90.3	91.0	91.4	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1800	67.0	78.4	83.4	87.2	90.5	91.2	91.6	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500	67.3	78.9	84.0	88.0	91.2	91.9	92.3	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	67.9	79.6	84.7	88.7	91.9	92.6	93.1	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	68.2	80.1	85.4	89.4	92.6	93.4	93.9	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 900	68.3	80.4	85.7	89.6	92.8	93.6	94.1	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	68.5	80.8	86.0	90.0	93.4	94.2	94.7	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	68.7	81.0	86.2	90.3	93.7	94.5	95.0	95.3	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 600	69.0	81.4	86.7	90.9	94.4	95.2	95.8	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	69.0	81.5	86.9	91.3	95.1	96.0	96.7	97.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	69.0	81.6	87.0	91.5	95.4	96.5	97.4	98.0	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	69.0	81.6	87.1	91.6	96.1	97.0	98.0	98.6	98.9	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 200	69.0	81.6	87.1	91.6	96.1	97.1	98.1	98.8	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	69.0	81.6	87.1	91.6	96.1	97.1	98.1	98.8	99.0	99.5	99.6	99.6	99.7	99.8	99.9	100.0
≥ 0	69.0	81.6	87.1	91.6	96.1	97.1	98.1	98.8	99.0	99.5	99.6	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1399

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04743~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS ~~JUL~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1400-2000~~ HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.0	48.8	50.4	52.8	54.1	54.6	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 20000	48.5	55.6	58.3	61.3	63.2	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 18000	48.7	55.9	58.6	61.9	63.6	64.4	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 16000	49.0	56.3	59.1	62.4	64.1	64.9	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 14000	49.5	56.8	59.6	62.9	64.8	65.6	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 12000	51.4	58.2	61.2	65.8	67.9	68.7	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000	52.9	61.4	64.7	68.4	70.9	71.8	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 9000	53.1	61.9	65.4	69.4	71.9	72.8	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 8000	55.3	64.2	68.5	72.8	75.6	76.6	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	57.2	66.3	70.6	74.8	77.7	78.8	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
≥ 6000	58.3	68.1	72.4	76.9	79.9	81.0	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 5000	59.1	69.4	73.8	78.6	81.6	82.9	84.1	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	59.6	69.9	74.4	79.2	82.3	83.5	84.7	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	60.2	70.5	75.2	80.2	83.3	84.7	86.1	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500	60.4	70.7	75.3	80.5	83.9	85.2	86.5	86.7	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000	60.6	71.3	76.6	81.7	85.2	86.5	87.8	88.0	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500	61.1	72.0	77.1	82.5	86.2	87.5	88.8	89.0	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	61.3	72.3	77.5	82.9	86.5	87.8	89.2	89.5	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800	61.3	72.3	77.5	82.9	86.5	87.8	89.2	89.5	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	61.6	72.7	77.8	83.2	87.0	88.2	89.7	89.9	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	61.9	73.2	78.5	84.1	87.8	89.1	90.6	90.8	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000	62.2	73.7	79.0	84.7	88.5	89.8	91.3	91.5	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	62.3	73.9	79.3	85.0	88.8	90.1	91.8	91.8	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	62.4	74.2	79.8	85.6	89.3	90.8	92.3	92.8	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 700	62.5	74.3	79.9	85.7	89.8	91.2	92.7	93.1	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 600	62.5	74.3	79.9	85.9	90.2	91.8	93.0	93.5	93.5	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 500	62.5	74.4	80.2	86.4	90.7	92.0	93.2	94.3	94.3	95.0	95.1	95.1	95.2	95.2	95.2	95.2
≥ 400	62.8	74.8	80.6	87.0	91.4	92.8	94.0	95.1	95.4	96.3	96.5	96.5	96.6	96.6	96.6	96.6
≥ 300	62.8	74.8	80.6	87.0	91.6	93.0	94.2	95.3	95.8	97.1	97.3	97.3	97.6	97.7	97.8	97.8
≥ 200	62.8	74.8	80.6	87.0	91.6	93.0	94.2	95.3	95.8	97.1	97.3	97.3	97.6	97.7	97.8	97.8
≥ 100	62.8	74.8	80.6	87.0	91.8	93.1	94.3	95.4	96.0	97.4	97.8	97.9	98.2	98.3	98.4	98.5
0	62.8	74.8	80.6	87.0	91.8	93.1	94.3	95.4	96.0	97.4	97.8	97.9	98.2	98.3	98.4	98.5

TOTAL NUMBER OF OBSERVATIONS 1395

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04742~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS ~~ANN~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~2100-2300~~ LOCAL TIME

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.6	50.3	55.2	58.2	61.2	61.6	62.2	62.3	62.3	62.3	62.4	62.4	62.5	62.5	62.7	62.7
≥ 20000	44.7	53.1	58.9	62.2	66.0	66.6	67.2	67.4	67.4	67.4	67.5	67.5	67.6	67.6	67.7	67.7
≥ 18000	44.8	53.2	59.0	62.4	66.4	67.0	67.6	67.7	67.7	67.7	67.7	67.9	67.9	68.0	68.0	68.1
≥ 16000	44.9	53.5	59.3	62.7	66.8	67.4	68.0	68.2	68.2	68.2	68.3	68.3	68.4	68.4	68.5	68.5
≥ 14000	45.4	54.3	60.1	63.7	67.9	68.5	69.1	69.2	69.2	69.2	69.4	69.4	69.5	69.5	69.6	69.6
≥ 12000	45.9	55.0	61.1	64.7	69.0	69.7	70.3	70.5	70.5	70.5	70.6	70.6	70.7	70.7	70.8	70.8
≥ 10000	47.5	57.6	63.9	67.7	72.3	72.9	73.5	73.7	73.8	73.8	73.9	73.9	74.0	74.0	74.1	74.1
≥ 9000	48.2	58.4	64.8	68.6	73.3	73.9	74.6	74.7	74.8	74.8	74.9	74.9	75.0	75.0	75.1	75.1
≥ 8000	49.5	60.6	67.2	71.3	76.1	76.8	77.4	77.6	77.6	77.6	77.8	77.8	77.8	77.8	78.0	78.0
≥ 7000	51.5	62.8	69.5	73.9	78.9	79.6	80.3	80.6	80.5	80.5	80.6	80.6	80.7	80.7	80.9	80.9
≥ 6000	52.3	64.1	71.0	75.8	80.9	81.6	82.3	82.5	82.6	82.6	82.7	82.7	82.8	82.8	82.9	82.9
≥ 5000	53.0	65.3	72.3	77.7	82.9	83.6	84.2	84.5	84.6	84.7	84.8	84.8	84.9	84.9	85.0	85.0
≥ 4500	53.4	65.9	73.0	78.4	83.5	84.2	84.9	85.2	85.2	85.3	85.4	85.4	85.5	85.5	85.7	85.7
≥ 4000	54.0	66.8	73.9	79.4	84.7	85.5	86.2	86.5	86.5	86.6	86.7	86.7	86.8	86.8	87.0	87.0
≥ 3500	54.1	66.9	74.0	79.5	84.8	85.6	86.4	86.7	86.7	86.8	87.0	87.0	87.0	87.0	87.2	87.2
≥ 3000	54.3	67.2	74.4	80.1	85.4	86.2	87.0	87.3	87.4	87.5	87.6	87.6	87.7	87.7	87.8	87.8
≥ 2500	54.6	67.7	74.8	80.7	86.0	87.0	87.7	88.0	88.1	88.2	88.3	88.3	88.4	88.4	88.5	88.5
≥ 2000	54.8	68.4	75.6	81.8	87.3	88.2	88.9	89.4	89.5	89.5	89.7	89.7	89.7	89.7	89.9	89.9
≥ 1800	54.8	68.4	75.7	81.9	87.4	88.3	89.2	89.5	89.5	89.6	89.7	89.7	89.8	89.8	90.0	90.0
≥ 1500	54.8	68.5	75.8	82.0	87.7	88.6	89.5	89.8	89.9	90.0	90.1	90.1	90.2	90.2	90.3	90.3
≥ 1200	54.8	69.0	76.3	82.5	88.2	89.1	90.0	90.3	90.4	90.5	90.6	90.6	90.7	90.7	90.8	90.8
≥ 1000	55.0	69.3	76.8	82.9	88.7	89.7	90.6	90.9	91.0	91.0	91.2	91.2	91.3	91.3	91.4	91.4
≥ 900	55.0	69.3	76.8	82.9	88.7	89.7	90.6	90.9	91.0	91.0	91.2	91.2	91.3	91.3	91.4	91.4
≥ 800	55.1	69.3	76.9	83.1	88.9	89.9	90.8	91.1	91.2	91.3	91.4	91.4	91.5	91.5	91.6	91.6
≥ 700	55.1	69.3	77.0	83.3	89.2	90.1	91.0	91.3	91.5	91.5	91.7	91.7	91.8	91.8	91.9	92.0
≥ 600	55.1	69.3	77.2	83.8	89.8	90.8	91.8	92.0	92.2	92.3	92.5	92.5	92.5	92.5	92.7	92.8
≥ 500	55.1	69.3	77.2	84.3	90.3	91.3	92.3	92.5	92.7	92.8	93.0	93.0	93.0	93.0	93.2	93.3
≥ 400	55.3	69.8	77.6	84.7	90.8	91.8	92.8	93.2	93.3	93.4	93.6	93.6	93.6	93.6	93.8	93.9
≥ 300	55.3	69.8	77.7	84.9	91.2	92.3	93.3	93.6	93.8	93.9	94.1	94.1	94.2	94.2	94.3	94.4
≥ 200	55.3	69.8	77.7	84.9	91.2	92.3	93.3	93.6	93.8	93.9	94.1	94.1	94.2	94.2	94.3	94.4
≥ 100	55.3	69.8	77.7	84.9	91.3	92.4	93.4	93.7	94.4	94.9	95.9	96.9	97.2	97.4	98.6	99.0
0	55.3	69.8	77.7	84.9	91.3	92.4	93.4	93.7	94.4	94.9	95.9	96.9	97.2	97.4	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1393

USAF ETAC FORM JUL 66 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04747 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 30-70 YEARS — AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0300 GMT (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.9	54.4	58.5	60.9	63.0	63.4	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000	45.8	56.6	61.1	64.1	66.8	66.9	67.1	67.4	67.5	67.8	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	45.9	56.6	61.4	64.3	66.8	67.2	67.5	67.7	67.8	67.8	68.0	68.0	68.0	68.0	68.1	68.1
≥ 16000	45.9	56.8	61.7	64.7	67.2	67.6	67.9	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.5	68.5
≥ 14000	46.7	57.8	62.9	65.9	68.3	68.9	69.1	69.4	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7
≥ 12000	47.5	58.3	64.7	67.6	70.5	70.8	71.2	71.5	71.5	71.5	71.8	71.8	71.8	71.8	71.8	71.8
≥ 10000	48.3	60.7	66.3	69.3	72.2	72.6	73.1	73.5	73.5	73.5	73.8	73.8	73.8	73.8	73.8	73.8
≥ 9000	48.2	61.8	67.6	70.8	73.8	74.3	74.8	75.1	75.2	75.2	75.4	75.4	75.4	75.4	75.5	75.5
≥ 8000	50.4	64.0	70.1	73.8	77.0	77.4	77.9	78.3	78.4	78.4	78.7	78.7	78.7	78.7	78.8	78.8
≥ 7000	51.0	64.7	71.0	74.7	77.9	78.4	78.9	79.2	79.3	79.4	79.6	79.6	79.6	79.6	79.7	79.7
≥ 6000	51.4	65.6	72.0	76.0	79.3	79.7	80.2	80.6	80.6	80.7	81.0	81.0	81.0	81.0	81.1	81.1
≥ 5000	51.7	66.2	72.8	76.8	80.1	80.6	81.1	81.5	81.6	81.6	81.9	81.9	81.9	81.9	82.0	82.0
≥ 4500	51.7	66.3	73.0	77.1	80.4	80.9	81.4	81.8	81.9	81.9	82.2	82.2	82.2	82.2	82.3	82.3
≥ 4000	52.0	67.0	73.7	78.2	81.4	82.1	82.6	83.0	83.1	83.2	83.5	83.5	83.5	83.5	83.6	83.6
≥ 3500	52.1	67.2	74.0	78.6	81.9	82.4	82.9	83.4	83.4	83.6	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	52.2	67.2	74.3	79.1	82.6	83.1	83.6	84.0	84.1	84.2	84.5	84.5	84.5	84.5	84.6	84.6
≥ 2500	52.5	67.7	74.9	79.8	83.2	83.8	84.4	84.8	84.9	85.0	85.3	85.3	85.3	85.3	85.4	85.4
≥ 2000	52.8	68.5	75.6	80.5	84.0	84.6	85.2	85.7	85.8	86.1	86.4	86.4	86.4	86.4	86.5	86.5
≥ 1800	53.0	68.7	75.9	80.8	84.4	84.9	85.5	86.2	86.3	86.5	86.7	86.7	86.7	86.7	86.8	86.8
≥ 1500	53.3	69.3	76.7	81.6	85.3	85.9	86.6	87.2	87.3	87.5	87.7	87.7	87.7	87.7	87.8	87.8
≥ 1200	53.4	69.6	76.8	82.1	85.8	86.4	87.3	87.7	87.8	88.0	88.2	88.2	88.2	88.2	88.3	88.3
≥ 1000	53.8	69.7	77.1	82.4	86.1	86.7	87.6	88.0	88.1	88.2	88.5	88.5	88.5	88.5	88.6	88.6
≥ 900	53.8	69.7	77.1	82.4	86.2	86.8	87.8	88.2	88.3	88.5	88.8	88.8	88.8	88.8	88.9	88.9
≥ 800	53.8	70.1	77.3	82.8	86.7	87.3	88.3	88.7	88.8	89.0	89.3	89.3	89.3	89.3	89.4	89.4
≥ 700	53.8	70.1	77.6	83.0	87.0	87.7	88.7	89.1	89.2	89.4	89.7	89.7	89.8	89.8	89.9	89.9
≥ 600	53.8	70.1	77.7	83.2	87.2	88.0	89.1	89.6	89.7	89.9	90.3	90.3	90.4	90.4	90.5	90.5
≥ 500	53.8	70.1	78.0	83.4	88.0	88.7	90.0	90.5	90.5	90.8	91.1	91.1	91.3	91.3	91.4	91.5
≥ 400	53.8	70.3	78.3	83.8	88.5	89.2	90.5	91.1	91.2	91.5	91.9	91.9	92.1	92.1	92.3	92.4
≥ 300	53.8	70.3	78.4	83.9	88.7	89.6	91.3	92.0	92.2	92.5	93.3	93.3	93.7	93.8	94.1	94.2
≥ 200	53.8	70.3	78.4	83.9	88.9	89.8	91.6	92.3	92.5	92.9	94.0	94.0	94.4	94.5	94.8	94.9
≥ 100	53.8	70.3	78.4	83.9	89.1	90.1	91.9	92.9	93.0	93.3	94.5	94.5	94.8	94.9	95.2	95.3
0	53.8	70.3	78.4	83.9	89.1	90.1	92.0	93.0	93.1	93.6	94.8	94.8	95.2	95.3	95.6	95.7

TOTAL NUMBER OF OBSERVATIONS 1393

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04742~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~56-70~~ YEARS ~~AUG~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0300-0800~~ HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.5	47.8	51.3	54.3	57.1	58.1	59.1	59.3	59.3	59.9	60.0	60.0	60.1	60.1	60.4	60.5
≥ 20000	41.0	50.2	53.8	57.2	60.4	61.4	62.5	62.8	62.9	63.4	63.7	63.7	63.7	63.8	64.2	64.3
≥ 18000	41.1	50.3	54.1	57.4	60.5	61.6	62.7	63.0	63.1	63.7	63.9	63.9	63.9	64.0	64.4	64.7
≥ 16000	41.1	50.3	54.1	57.6	60.7	61.8	63.0	63.3	63.4	64.0	64.2	64.2	64.3	64.4	64.8	65.1
≥ 14000	41.9	51.5	55.6	59.1	62.3	63.4	64.6	64.9	65.1	65.7	65.9	65.9	66.0	66.1	66.5	66.8
≥ 12000	42.6	52.3	56.6	60.1	63.5	64.6	65.9	66.3	66.5	67.2	67.5	67.5	67.5	67.6	68.0	68.3
≥ 10000	44.2	54.6	59.1	62.7	66.3	67.4	68.7	69.2	69.4	70.0	70.3	70.3	70.4	70.5	70.9	71.2
≥ 9000	44.4	55.3	60.0	63.6	67.3	68.4	69.7	70.2	70.4	71.0	71.3	71.3	71.4	71.5	71.9	72.2
≥ 8000	45.4	57.3	62.3	66.3	70.5	71.5	72.9	73.4	73.6	74.3	74.6	74.6	74.6	74.7	75.1	75.5
≥ 7000	46.5	58.0	64.0	68.0	72.3	73.3	74.7	75.2	75.5	76.1	76.4	76.4	76.6	76.6	77.1	77.5
≥ 6000	47.2	60.1	65.2	69.4	73.6	74.7	76.1	76.6	76.8	77.5	77.8	77.8	77.9	78.0	78.5	78.9
≥ 5000	48.5	61.8	66.8	71.0	75.2	76.3	77.8	78.4	78.6	79.2	79.5	79.5	79.6	79.7	80.2	80.6
≥ 4500	48.7	61.7	67.0	71.3	75.6	76.8	78.2	78.8	79.0	79.6	79.9	79.9	80.1	80.1	80.6	81.0
≥ 4000	48.9	62.2	67.6	71.8	76.3	77.6	79.0	79.6	79.8	80.4	80.7	80.7	80.9	80.9	81.4	81.8
≥ 3500	48.9	62.3	67.7	72.0	76.5	77.8	79.2	79.8	80.0	80.6	80.9	80.9	81.1	81.1	81.6	82.0
≥ 3000	49.0	62.7	68.2	72.5	77.1	78.4	79.8	80.4	80.6	81.2	81.5	81.5	81.6	81.7	82.2	82.6
≥ 2500	49.2	63.6	69.2	73.5	78.2	79.5	80.9	81.5	81.7	82.4	82.7	82.7	82.8	82.9	83.4	83.7
≥ 2000	49.5	64.0	69.6	74.0	78.7	80.0	81.5	82.1	82.3	82.9	83.2	83.2	83.4	83.4	83.9	84.3
≥ 1800	49.5	64.1	69.7	74.2	78.9	80.3	81.8	82.4	82.6	83.2	83.5	83.5	83.7	83.7	84.2	84.6
≥ 1500	49.7	64.6	70.3	74.9	79.7	81.1	82.6	83.2	83.5	84.2	84.5	84.5	84.7	84.7	85.2	85.6
≥ 1200	49.7	64.7	70.5	75.1	80.0	81.4	83.1	83.7	83.9	84.5	84.8	84.8	84.9	85.0	85.5	85.9
≥ 1000	49.9	65.2	70.9	75.7	80.6	82.0	83.7	84.2	84.4	85.1	85.4	85.4	85.5	85.6	86.1	86.5
≥ 900	50.0	65.2	71.0	75.8	80.8	82.2	83.9	84.4	84.7	85.3	85.6	85.6	85.7	85.8	86.3	86.7
≥ 800	50.0	65.2	71.0	76.1	81.1	82.6	84.3	84.9	85.2	85.8	86.1	86.1	86.2	86.3	86.8	87.2
≥ 700	50.1	65.4	71.2	76.4	81.7	83.2	84.9	85.5	85.8	86.5	86.8	86.8	87.0	87.0	87.5	87.9
≥ 600	50.3	65.7	71.7	77.1	82.4	83.8	85.7	86.2	86.6	87.3	87.6	87.6	87.7	87.8	88.3	88.7
≥ 500	50.3	65.9	72.0	77.4	83.1	84.6	86.6	87.4	87.8	88.6	89.1	89.1	89.2	89.4	89.9	90.3
≥ 400	50.3	66.0	72.1	77.6	83.4	84.9	87.0	87.8	88.2	89.0	89.6	89.6	89.8	91.0	91.5	91.9
≥ 300	50.3	66.0	72.1	77.6	83.4	85.1	87.2	89.0	89.3	91.2	91.8	91.9	92.0	92.2	92.8	93.4
≥ 200	50.3	66.0	72.1	77.6	83.7	85.3	87.5	89.3	89.6	91.5	92.1	92.2	92.3	92.5	93.1	93.8
≥ 100	50.3	66.0	72.1	77.6	83.7	85.3	87.5	90.0	91.3	93.3	93.9	94.1	93.0	98.0	97.6	98.6
0	50.3	66.0	72.1	77.6	83.7	85.3	87.5	90.0	91.3	93.3	93.9	94.1	93.1	98.1	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1393

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04762 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 58-70 YEARS — AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800 LOCAL TIME

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	38.0	44.4	47.6	50.8	53.3	54.2	55.2	55.6	55.6	56.0	56.1	56.1	56.1	56.1	56.1	56.3
≥ 18000 ≥ 16000	40.6	47.7	51.3	54.8	57.6	58.8	60.1	60.5	60.6	61.1	61.2	61.3	61.4	61.4	61.4	61.7
≥ 14000 ≥ 12000	41.4	49.0	52.6	56.3	59.3	60.5	61.9	62.4	62.5	62.9	63.1	63.2	63.2	63.2	63.2	63.6
≥ 10000 ≥ 9000	44.9	53.8	58.4	62.4	65.4	66.7	68.4	68.8	69.0	69.7	69.9	70.0	70.1	70.1	70.1	70.5
≥ 8000 ≥ 7000	46.5	56.2	60.9	65.2	68.4	69.7	71.5	72.0	72.2	73.0	73.3	73.3	73.5	73.5	73.5	73.9
≥ 6000 ≥ 5000	49.0	59.6	64.6	69.1	72.4	73.8	75.7	76.3	76.6	77.4	77.6	77.7	78.0	78.0	78.0	78.4
≥ 4500 ≥ 4000	50.1	60.9	65.8	70.3	73.8	75.3	77.2	77.8	78.1	79.0	79.2	79.3	79.6	79.6	79.6	79.9
≥ 3500 ≥ 3000	50.7	62.0	67.1	71.8	75.6	77.2	79.3	79.9	80.2	81.1	81.3	81.4	81.6	81.6	81.6	82.0
≥ 2500 ≥ 2000	51.5	63.6	68.7	73.5	77.8	79.1	81.3	82.0	82.3	83.2	83.4	83.4	83.7	83.7	83.7	84.1
≥ 1800 ≥ 1500	51.9	64.0	69.2	74.1	78.1	79.6	82.0	82.7	83.0	83.9	84.1	84.2	84.4	84.4	84.4	84.8
≥ 1200 ≥ 1000	52.2	65.0	70.3	75.4	79.5	81.1	83.9	84.6	84.9	85.8	86.0	86.1	86.4	86.4	86.4	86.7
≥ 900 ≥ 800	52.2	65.1	70.6	75.8	80.1	81.7	84.4	85.2	85.5	86.5	86.7	86.9	87.2	87.2	87.2	87.5
≥ 700 ≥ 600	52.4	65.4	71.2	76.4	81.3	83.0	85.9	86.7	87.2	88.1	88.4	88.7	89.0	89.0	89.0	89.3
≥ 500 ≥ 400	52.8	65.8	71.7	77.7	82.8	84.6	87.7	88.7	89.3	90.4	90.8	91.2	91.5	91.5	91.5	91.9
≥ 300 ≥ 200	52.8	66.1	72.0	78.1	84.2	86.1	89.5	91.4	92.3	94.0	94.6	95.0	95.6	95.7	95.8	96.3
≥ 100 0	52.8	66.1	72.0	78.2	84.3	86.2	89.8	91.9	92.8	94.9	96.1	96.4	97.3	97.8	98.3	99.3

TOTAL NUMBER OF OBSERVATIONS 1395

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04742 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 50-70 YEARS — AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.8	53.2	55.8	58.2	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	50.4	57.6	60.6	63.4	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 18000	50.7	58.0	60.9	63.8	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000	51.2	58.5	61.4	64.4	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 14000	51.9	59.2	62.2	65.1	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 12000	53.2	60.8	63.8	67.0	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 10000	56.0	64.0	67.4	70.8	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	56.3	64.5	67.9	71.3	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 8000	57.3	65.6	69.1	72.8	74.7	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 7000	58.4	67.0	70.5	74.3	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 6000	59.0	67.7	71.4	75.1	77.1	77.3	77.4	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 5000	59.6	68.4	72.1	75.8	77.8	78.0	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500	59.9	68.9	72.6	76.3	78.3	78.5	78.7	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000	61.1	70.5	74.5	78.4	80.4	80.8	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3500	61.7	71.5	75.8	79.4	81.4	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000	62.7	73.0	77.0	81.1	83.0	83.2	83.3	83.3	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500	63.9	74.7	78.8	83.1	85.2	85.4	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	64.7	75.8	80.2	84.7	86.7	87.0	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1800	64.9	76.5	80.9	85.3	87.4	87.7	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	65.5	77.4	82.0	86.5	88.7	89.0	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1200	66.0	78.6	83.2	88.1	90.5	90.8	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	66.1	79.1	83.8	88.9	91.3	91.7	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 900	66.2	79.1	84.1	89.2	91.7	92.0	92.2	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 800	66.3	79.6	84.7	89.7	92.3	92.6	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 700	66.3	79.7	84.9	90.1	92.8	93.2	93.5	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	66.3	79.9	85.1	90.4	93.1	93.5	93.8	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 500	66.3	80.2	85.7	91.8	95.0	95.8	96.3	96.6	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 400	66.3	80.2	85.8	92.0	95.2	96.1	96.8	97.3	97.7	98.0	98.1	98.1	98.3	98.3	98.3	98.3
≥ 300	66.3	80.2	85.9	92.0	95.4	96.4	97.1	98.1	98.4	98.7	98.9	98.9	99.1	99.1	99.1	99.1
≥ 200	66.3	80.2	85.9	92.0	95.4	96.4	97.2	98.4	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.6
≥ 100	66.3	80.2	85.9	92.0	95.4	96.4	97.2	98.4	98.8	99.1	99.4	99.5	99.9	99.9	99.9	99.9
0	66.3	80.2	85.9	92.0	95.4	96.4	97.2	98.4	98.8	99.1	99.4	99.5	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1395

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04742~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~56-70~~ YEARS ~~AUG~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1300-1400~~ HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.0	52.7	53.7	55.1	55.8	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 20000	58.0	58.4	59.8	61.4	62.4	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 18000	52.3	58.7	60.1	61.7	62.8	62.8	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 16000	52.8	59.3	60.8	62.4	63.4	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	53.5	60.0	61.8	63.4	64.4	64.4	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 12000	54.4	61.4	63.7	65.4	66.4	66.4	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 10000	57.2	64.5	66.8	69.1	70.4	70.4	70.9	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 9000	57.4	64.8	67.2	69.5	70.8	70.8	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 8000	58.9	66.8	69.2	71.8	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 7000	60.1	68.2	70.9	73.5	75.1	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 6000	60.6	69.0	71.8	74.3	75.9	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 5000	68.0	76.5	79.3	81.8	83.6	83.6	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4500	62.8	71.7	74.5	77.1	78.9	79.0	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	65.8	75.2	78.1	80.8	82.7	82.9	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	67.2	76.6	79.7	82.4	84.4	84.6	84.7	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3000	68.7	78.8	81.9	84.7	86.8	87.0	87.2	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2500	70.8	81.1	84.3	87.2	89.4	89.6	89.7	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	71.1	82.3	85.6	88.5	90.8	91.0	91.1	91.3	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	71.5	83.0	86.2	89.3	91.5	91.8	91.9	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	72.0	83.7	87.1	90.2	92.6	92.8	93.0	93.2	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	72.2	84.2	87.5	91.0	93.5	93.8	94.0	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1000	72.3	84.3	87.7	91.3	93.8	94.2	94.4	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	72.3	84.4	87.9	91.3	94.3	94.7	95.0	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	72.3	84.7	88.2	91.9	94.8	95.2	95.5	95.8	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	72.6	84.9	88.4	92.2	95.3	95.7	96.1	96.4	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	72.6	85.2	88.7	92.5	95.7	96.1	96.5	96.7	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	72.6	85.3	89.0	92.9	96.3	97.1	97.6	98.1	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	72.6	85.3	89.1	93.0	96.4	97.3	97.8	98.3	98.4	98.8	99.0	99.0	99.1	99.1	99.1	99.1
≥ 300	72.6	85.3	89.2	93.0	96.6	97.5	98.0	98.5	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 200	72.6	85.3	89.2	93.0	96.6	97.5	98.0	98.5	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 100	72.6	85.3	89.2	93.0	96.6	97.5	98.0	98.5	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1
0	72.6	85.3	89.2	93.0	96.6	97.5	98.0	98.5	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS ~~1288~~

USAF ETAC FORM JUL 66 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04743~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS ~~AUG~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1800-1700~~ HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.4	55.0	56.6	58.9	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	93.9	91.4	93.2	65.8	66.2	66.3	66.3	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 18000	54.1	61.7	63.4	66.1	66.5	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 16000	54.3	62.0	63.7	66.4	66.8	66.8	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	55.2	63.1	65.0	67.7	68.1	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 12000	56.3	64.8	67.1	69.8	70.8	70.8	70.8	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 10000	58.8	67.6	69.8	72.8	73.4	73.5	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 9000	59.0	68.5	70.7	73.8	74.3	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000	62.2	71.4	74.1	77.8	78.5	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 7000	63.4	72.8	75.6	79.4	80.0	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 6000	64.4	73.7	76.5	80.4	81.0	81.1	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	65.4	74.9	77.8	81.8	82.3	82.7	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500	66.2	76.1	79.0	83.2	83.9	84.2	84.3	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4000	66.5	76.2	79.2	83.4	83.7	83.9	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500	69.8	80.5	83.4	87.9	88.7	88.9	89.0	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	71.0	82.0	85.0	89.5	90.3	90.5	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	71.6	82.9	85.9	90.5	91.3	91.5	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	71.8	83.2	86.2	91.0	92.0	92.3	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800	72.0	83.4	86.5	91.3	92.3	92.6	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1500	72.5	83.9	87.0	91.8	93.1	93.4	93.6	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	72.6	84.0	87.2	92.0	93.3	93.7	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	72.7	84.1	87.2	92.1	93.5	93.8	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	72.8	84.2	87.4	92.3	93.7	94.1	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	72.8	84.4	87.5	92.5	94.1	94.4	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	72.9	84.7	87.9	93.0	94.6	94.9	95.3	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	73.0	84.7	88.0	93.2	94.8	95.1	95.5	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500	73.0	84.7	88.0	93.3	95.2	95.6	96.0	96.8	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	73.0	84.7	88.0	93.4	95.3	95.8	96.3	97.0	97.4	97.6	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300	73.0	84.8	88.1	93.5	95.6	96.0	96.5	97.3	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	73.0	84.8	88.1	93.5	95.6	96.0	96.5	97.3	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3
≥ 100	73.0	84.8	88.1	93.5	95.6	96.0	96.5	97.3	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3
0	73.0	84.8	88.1	93.5	95.6	96.0	96.5	97.3	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS ~~1393~~

USAF ETAC FORM NO. 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04742~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS ~~AUG~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~1800-2800~~ LOCAL TIME

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.3	52.2	55.0	57.3	58.6	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1
	50.3	56.7	59.9	62.8	64.5	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
≥ 18000 ≥ 16000	50.6	57.1	60.4	63.2	64.9	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.7
	51.1	57.6	60.9	63.7	65.4	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.2
≥ 14000 ≥ 12000	52.1	59.1	62.5	65.4	67.2	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0
	53.3	60.8	64.4	67.3	69.4	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.3
≥ 10000 ≥ 9000	55.1	63.8	67.5	70.8	73.0	73.5	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
	58.8	66.7	70.6	74.1	76.4	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.3
≥ 8000 ≥ 7000	57.9	67.7	71.9	75.4	77.8	78.4	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1
	58.6	68.7	72.8	76.8	79.2	79.9	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.6
≥ 6000 ≥ 5000	58.9	69.2	73.4	77.5	79.9	80.5	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.3
	60.1	70.3	74.8	79.1	81.7	82.4	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.2
≥ 4500 ≥ 4000	60.6	71.4	75.9	80.3	83.0	83.7	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5
	61.0	72.5	77.1	81.5	84.3	85.0	85.5	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	86.1
≥ 3500 ≥ 3000	62.5	73.9	78.5	82.9	85.8	86.5	87.0	87.2	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.6
	63.7	75.2	79.8	84.4	87.5	88.2	88.7	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.2
≥ 2500 ≥ 2000	64.1	75.8	80.6	85.4	88.5	89.2	89.7	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.3
	64.2	75.9	80.7	85.6	88.7	89.5	90.0	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.6
≥ 1800 ≥ 1500	64.2	76.0	80.8	85.7	88.8	89.5	90.2	90.4	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.8
	64.2	76.1	80.9	85.9	88.9	89.6	90.3	90.5	90.6	91.0	91.2	91.2	91.2	91.2	91.2	91.3
≥ 1200 ≥ 1000	64.3	76.2	81.2	86.3	90.0	90.8	91.5	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.2
	64.3	76.4	81.4	86.6	90.4	91.1	91.9	92.2	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.8
≥ 900 ≥ 800	64.6	76.6	81.6	86.7	90.6	91.3	92.1	92.4	92.4	92.6	92.8	92.8	92.8	92.8	92.8	93.0
	64.6	76.7	81.8	87.2	91.1	91.8	92.7	93.0	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.6
≥ 700 ≥ 600	64.6	76.7	81.9	87.2	91.2	91.9	92.8	93.0	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.7
	64.6	76.7	81.9	87.4	91.4	92.3	93.2	93.6	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.3
≥ 500 ≥ 400	64.7	76.8	82.0	87.5	91.6	92.5	93.6	94.3	94.4	94.9	95.1	95.1	95.3	95.3	95.3	95.4
	64.7	76.8	82.1	87.7	92.0	93.0	94.2	95.1	95.3	95.8	96.1	96.1	96.4	96.4	96.4	96.6
≥ 300 ≥ 200	64.7	76.8	82.1	87.7	92.2	93.3	94.6	95.7	96.0	96.9	97.4	97.4	97.7	97.8	97.8	97.9
	64.7	76.8	82.1	87.7	92.3	93.4	94.8	96.0	96.3	97.2	98.1	98.1	98.4	98.5	98.7	98.9
≥ 100 0	64.7	76.8	82.1	87.7	92.3	93.6	95.2	96.3	96.6	97.3	98.3	98.3	98.7	98.9	99.4	99.6
	64.7	76.8	82.1	87.7	92.3	93.6	95.2	96.3	96.6	97.3	98.3	98.3	98.7	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1295

USAF ETAC FORM AFLM 0-14-5 (OL I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~04743~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~56-70~~ YEARS ~~AUG~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~2100-2300~~ HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.3	52.5	56.1	60.2	62.6	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.9	62.9	62.9	63.1
≥ 20000	46.0	55.1	59.1	63.4	66.2	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.7	66.7	66.7	66.9
≥ 18000	46.2	55.3	59.4	63.7	66.5	66.7	66.7	66.7	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.2
≥ 16000	46.2	55.3	59.4	63.7	66.5	66.7	66.7	66.7	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.2
≥ 14000	47.3	57.1	61.4	65.7	68.3	68.7	68.7	68.7	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.2
≥ 12000	48.1	58.0	62.4	67.7	70.5	70.8	70.8	70.8	70.8	70.8	70.9	70.9	71.0	71.0	71.0	71.2
≥ 10000	49.7	60.7	65.3	69.7	72.8	73.0	73.0	73.0	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.5
≥ 9000	50.3	61.6	66.4	70.8	74.0	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.5	74.6
≥ 8000	51.9	64.0	69.1	73.6	77.1	77.3	77.4	77.4	77.4	77.5	77.6	77.6	77.6	77.7	77.8	77.9
≥ 7000	53.0	65.5	71.0	75.7	79.1	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.7	79.8	79.9	80.1
≥ 6000	53.9	66.8	72.4	77.3	81.1	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.7	81.8	81.9	82.1
≥ 5000	54.4	67.8	73.6	78.8	82.7	83.0	83.2	83.2	83.3	83.3	83.4	83.4	83.5	83.6	83.7	83.8
≥ 4500	55.1	69.0	74.8	79.9	83.8	84.2	84.4	84.4	84.4	84.4	84.5	84.5	84.6	84.7	84.7	84.9
≥ 4000	55.1	69.4	75.3	80.5	84.4	84.8	85.0	85.1	85.1	85.2	85.2	85.3	85.3	85.4	85.4	85.7
≥ 3500	55.3	69.7	75.7	80.9	85.0	85.4	85.7	85.7	85.7	85.8	85.9	85.9	85.9	86.0	86.1	86.3
≥ 3000	55.7	70.1	76.2	81.3	85.4	85.9	86.2	86.4	86.4	86.5	86.6	86.6	86.7	86.7	86.8	87.0
≥ 2500	56.0	70.6	76.8	82.2	86.2	86.6	87.0	87.0	87.0	87.2	87.2	87.2	87.3	87.4	87.5	87.7
≥ 2000	56.2	71.0	77.1	82.7	86.8	87.2	87.6	87.7	87.7	87.8	87.9	87.9	88.0	88.0	88.1	88.3
≥ 1800	56.3	71.2	77.3	83.0	87.2	87.6	88.0	88.0	88.0	88.2	88.2	88.3	88.4	88.5	88.7	88.9
≥ 1500	56.3	71.4	77.4	83.2	87.4	87.8	88.2	88.3	88.3	88.5	88.6	88.7	88.8	88.9	89.1	89.3
≥ 1200	56.3	71.8	78.1	83.9	88.4	88.7	89.2	89.3	89.3	89.5	89.6	89.6	89.7	89.7	89.8	90.0
≥ 1000	56.4	72.0	78.2	84.1	88.6	89.2	89.7	89.8	89.8	90.0	90.1	90.1	90.2	90.3	90.3	90.5
≥ 900	56.4	72.0	78.2	84.1	89.0	89.4	89.9	90.0	90.0	90.1	90.3	90.3	90.3	90.4	90.5	90.7
≥ 800	56.4	72.1	78.4	84.2	89.2	89.8	90.3	90.4	90.4	90.5	90.6	90.6	90.6	90.7	90.8	91.0
≥ 700	56.8	72.3	78.6	84.6	89.7	90.2	90.8	90.8	90.8	90.9	91.0	91.0	91.1	91.2	91.3	91.5
≥ 600	56.8	72.4	78.7	84.7	89.8	90.4	91.1	91.2	91.2	91.3	91.4	91.4	91.5	91.6	91.7	91.9
≥ 500	56.9	72.6	78.9	85.0	90.4	91.3	92.0	92.3	92.3	92.6	92.8	92.8	92.8	92.9	93.0	93.2
≥ 400	56.9	72.6	79.0	85.1	90.5	91.5	92.2	92.5	92.5	92.8	93.0	93.0	93.0	93.1	93.2	93.4
≥ 300	56.9	72.6	79.0	85.3	90.8	91.8	92.5	92.8	92.8	93.1	93.3	93.3	93.3	93.4	93.5	93.7
≥ 200	56.9	72.6	79.0	85.4	90.9	91.9	92.7	93.0	93.0	93.3	93.5	93.5	93.5	93.6	93.7	93.9
≥ 100	56.9	72.6	79.0	85.4	91.0	92.0	92.8	93.1	93.1	93.4	93.6	93.6	93.6	93.7	93.8	94.0
0	56.9	72.6	79.0	85.4	91.0	92.0	92.8	93.1	93.1	93.4	93.6	93.6	93.6	93.7	93.8	94.0

TOTAL NUMBER OF OBSERVATIONS ~~1385~~

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04742 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 50-70 YEARS — SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.8	49.6	52.6	53.9	55.8	56.2	56.8	57.3	57.4	57.9	57.9	57.9	58.2	58.3	59.0	59.4
≥ 20000	45.3	52.5	56.7	57.3	59.2	59.6	60.2	60.7	60.8	61.3	61.3	61.3	61.6	61.7	62.4	62.8
≥ 18000	45.3	52.6	55.8	57.4	59.3	59.7	60.3	60.8	60.9	61.4	61.4	61.4	61.7	61.8	62.4	62.9
≥ 16000	45.4	52.7	56.0	57.7	59.6	60.0	60.6	61.1	61.2	61.7	61.7	61.7	62.0	62.1	62.7	63.2
≥ 14000	45.6	53.0	56.4	58.1	60.1	60.5	61.1	61.6	61.7	62.2	62.2	62.2	62.5	62.6	63.3	63.7
≥ 12000	46.5	54.1	57.6	59.4	61.3	61.8	62.4	62.9	63.0	63.5	63.5	63.5	63.8	63.9	64.5	65.0
≥ 10000	48.1	56.4	59.9	61.7	63.8	64.4	65.0	65.5	65.6	66.1	66.1	66.1	66.4	66.4	67.1	67.6
≥ 9000	48.4	56.8	60.4	62.3	64.4	65.0	65.6	66.1	66.1	66.7	66.7	66.7	67.0	67.0	67.7	68.2
≥ 8000	50.1	58.9	63.0	65.0	67.0	67.6	68.2	68.7	68.8	69.3	69.3	69.3	69.6	69.8	70.4	71.0
≥ 7000	51.0	60.6	64.9	67.0	69.0	69.6	70.2	70.7	70.8	71.3	71.3	71.3	71.6	71.8	72.4	73.0
≥ 6000	52.0	62.0	66.3	68.4	70.8	71.4	72.0	72.5	72.6	73.1	73.1	73.1	73.4	73.6	74.2	74.7
≥ 5000	53.2	63.9	68.2	70.7	73.1	73.7	74.3	74.8	74.9	75.4	75.4	75.4	75.7	75.9	76.5	77.0
≥ 4500	54.1	64.7	69.2	71.7	74.2	74.8	75.4	75.9	76.0	76.5	76.5	76.5	76.8	77.0	77.6	78.1
≥ 4000	54.6	65.6	70.3	73.1	75.7	76.4	77.0	77.5	77.6	78.1	78.1	78.1	78.4	78.5	79.2	79.7
≥ 3500	54.7	65.7	70.4	73.3	75.9	76.6	77.2	77.7	77.8	78.3	78.3	78.3	78.6	78.7	79.4	79.9
≥ 3000	55.4	66.4	71.3	74.2	77.0	77.7	78.3	78.8	78.9	79.4	79.4	79.4	79.7	79.9	80.5	81.0
≥ 2500	56.4	68.0	73.0	75.9	78.9	79.6	80.2	80.7	80.8	81.3	81.3	81.3	81.6	81.8	82.4	83.0
≥ 2000	56.7	68.4	73.7	76.7	79.9	80.7	81.3	81.8	81.9	82.4	82.4	82.4	82.7	82.8	83.5	84.0
≥ 1800	56.8	69.0	74.1	77.2	80.4	81.1	81.7	82.2	82.3	82.8	82.8	82.8	83.1	83.3	83.9	84.4
≥ 1500	56.9	69.4	74.6	77.8	81.1	81.9	82.6	83.0	83.0	83.6	83.6	83.6	83.9	84.0	84.7	85.2
≥ 1200	57.0	69.8	75.0	78.2	81.6	82.4	83.0	83.6	83.6	84.1	84.1	84.1	84.4	84.6	85.3	85.8
≥ 1000	57.0	69.8	75.1	78.4	81.9	82.7	83.3	83.9	84.0	84.5	84.5	84.5	84.8	85.0	85.6	86.1
≥ 900	57.0	69.8	75.1	78.4	82.1	83.0	83.6	84.3	84.4	84.9	84.9	84.9	85.2	85.3	86.0	86.5
≥ 800	57.0	69.9	75.2	78.7	82.7	83.6	84.3	84.9	85.0	85.5	85.5	85.5	85.8	85.9	86.6	87.1
≥ 700	57.3	70.4	75.8	79.6	83.8	84.8	85.5	86.2	86.3	86.9	86.9	86.9	87.2	87.3	88.0	88.5
≥ 600	57.6	70.8	76.2	80.2	84.6	85.6	86.3	87.0	87.1	87.8	87.8	87.8	88.1	88.2	88.9	89.4
≥ 500	57.4	70.8	76.4	80.7	85.2	86.2	87.0	87.8	88.0	88.7	88.7	88.7	89.0	89.2	89.9	90.4
≥ 400	57.4	70.8	76.4	81.0	85.4	86.4	87.3	88.0	88.2	88.9	89.0	89.0	89.3	89.4	90.1	90.6
≥ 300	57.4	70.8	76.4	81.0	85.5	86.7	87.6	88.4	88.6	89.3	89.4	89.4	89.7	89.9	90.6	91.1
≥ 200	57.4	70.8	76.4	81.0	85.5	86.7	87.6	88.4	88.6	89.3	89.4	89.4	89.7	89.9	90.6	91.1
≥ 100	57.4	70.8	76.4	81.0	85.5	86.7	87.6	88.4	88.6	89.3	89.4	89.4	89.7	89.9	90.6	91.1
≥ 0	57.4	70.8	76.4	81.0	85.5	86.7	87.6	88.4	88.6	89.3	89.4	89.4	89.7	89.9	90.6	91.1

TOTAL NUMBER OF OBSERVATIONS 1380

USAF ETAC FORM NO. 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04742~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0300-0800~~ HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.7	47.3	50.4	52.4	55.1	55.2	55.9	56.5	56.5	56.9	57.1	57.2	57.3	57.5	57.9	58.2
	~~42.1~~	~~50.0~~	~~53.1~~	~~55.3~~	~~58.0~~	~~58.1~~	~~58.8~~	~~59.5~~	~~59.5~~	~~59.9~~	~~60.1~~	~~60.1~~	~~60.4~~	~~60.9~~	~~61.0~~	~~61.5~~
≥ 18000 ≥ 16000	43.1	50.0	53.1	55.3	58.0	58.1	58.8	59.5	59.5	59.9	60.1	60.1	60.4	60.9	61.0	61.5
	~~43.3~~	~~50.1~~	~~53.3~~	~~55.4~~	~~58.1~~	~~58.2~~	~~58.9~~	~~59.6~~	~~59.6~~	~~60.0~~	~~60.2~~	~~60.3~~	~~60.5~~	~~60.7~~	~~61.2~~	~~61.6~~
≥ 14000 ≥ 12000	43.5	50.6	53.7	56.0	58.8	58.9	59.6	60.3	60.3	60.7	60.9	61.0	61.2	61.3	61.9	62.3
	~~44.1~~	~~51.3~~	~~54.3~~	~~56.6~~	~~59.6~~	~~59.7~~	~~60.4~~	~~61.2~~	~~61.2~~	~~61.6~~	~~61.8~~	~~61.9~~	~~62.1~~	~~62.2~~	~~62.7~~	~~63.2~~
≥ 10000 ≥ 9000	45.1	53.0	56.1	58.7	61.6	61.9	62.6	63.3	63.3	63.7	63.9	64.0	64.2	64.4	64.9	65.3
	~~45.3~~	~~53.3~~	~~56.4~~	~~59.1~~	~~62.1~~	~~62.4~~	~~63.1~~	~~63.9~~	~~63.9~~	~~64.3~~	~~64.4~~	~~64.5~~	~~64.7~~	~~64.9~~	~~65.4~~	~~65.9~~
≥ 8000 ≥ 7000	47.0	55.6	59.0	61.7	64.8	65.0	65.8	66.5	66.5	66.9	67.1	67.2	67.4	67.6	68.1	68.6
	~~48.9~~	~~57.9~~	~~61.7~~	~~64.5~~	~~67.6~~	~~67.9~~	~~68.6~~	~~69.4~~	~~69.4~~	~~69.8~~	~~70.0~~	~~70.1~~	~~70.3~~	~~70.4~~	~~71.0~~	~~71.5~~
≥ 6000 ≥ 5000	50.0	59.3	63.3	66.2	69.4	69.6	70.4	71.3	71.3	71.7	71.9	72.0	72.2	72.4	72.9	73.4
	~~51.4~~	~~61.4~~	~~65.4~~	~~68.5~~	~~71.7~~	~~71.9~~	~~72.7~~	~~73.6~~	~~73.7~~	~~74.1~~	~~74.3~~	~~74.4~~	~~74.6~~	~~74.7~~	~~75.3~~	~~75.8~~
≥ 4500 ≥ 4000	51.6	61.8	65.9	69.3	72.6	72.8	73.6	74.5	74.6	75.0	75.2	75.3	75.5	75.8	76.1	76.7
	~~52.1~~	~~62.6~~	~~66.9~~	~~70.4~~	~~73.6~~	~~73.9~~	~~74.6~~	~~75.6~~	~~75.6~~	~~76.0~~	~~76.2~~	~~76.3~~	~~76.5~~	~~76.7~~	~~77.2~~	~~77.7~~
≥ 3500 ≥ 3000	52.8	63.0	67.3	70.9	74.1	74.4	75.1	76.1	76.1	76.6	76.8	76.9	77.1	77.3	77.8	78.3
	~~53.3~~	~~63.9~~	~~68.4~~	~~72.0~~	~~75.3~~	~~75.6~~	~~76.3~~	~~77.3~~	~~77.3~~	~~77.8~~	~~78.0~~	~~78.1~~	~~78.3~~	~~78.4~~	~~79.0~~	~~79.5~~
≥ 2500 ≥ 2000	53.9	64.7	69.5	73.1	76.6	76.8	77.6	78.9	78.6	79.1	79.3	79.4	79.6	79.9	80.4	80.9
	~~54.3~~	~~65.8~~	~~70.7~~	~~74.4~~	~~77.9~~	~~78.2~~	~~79.0~~	~~80.0~~	~~80.1~~	~~80.6~~	~~80.8~~	~~80.9~~	~~81.1~~	~~81.3~~	~~81.9~~	~~82.4~~
≥ 1800 ≥ 1500	54.4	66.1	71.2	74.9	78.4	78.7	79.4	80.4	80.3	81.0	81.3	81.3	81.6	81.8	82.4	82.9
	~~54.8~~	~~66.6~~	~~71.6~~	~~75.6~~	~~79.0~~	~~79.3~~	~~80.1~~	~~81.1~~	~~81.2~~	~~81.7~~	~~81.9~~	~~82.0~~	~~82.2~~	~~82.4~~	~~83.0~~	~~83.6~~
≥ 1200 ≥ 1000	54.7	66.7	72.1	75.9	79.6	79.9	80.7	81.7	81.8	82.3	82.5	82.6	82.8	83.0	83.6	84.1
	~~54.7~~	~~66.9~~	~~72.4~~	~~76.7~~	~~80.6~~	~~80.7~~	~~81.6~~	~~82.6~~	~~82.7~~	~~83.2~~	~~83.4~~	~~83.5~~	~~83.7~~	~~83.9~~	~~84.5~~	~~85.0~~
≥ 900 ≥ 800	54.7	66.9	72.5	77.0	81.0	81.3	82.1	83.1	83.2	83.7	83.9	84.0	84.2	84.4	85.0	85.6
	~~54.7~~	~~67.0~~	~~72.6~~	~~77.3~~	~~81.4~~	~~81.7~~	~~82.6~~	~~83.6~~	~~83.6~~	~~84.1~~	~~84.4~~	~~84.4~~	~~84.7~~	~~84.9~~	~~85.5~~	~~86.0~~
≥ 700 ≥ 600	54.8	67.2	72.8	77.9	82.7	83.2	84.0	85.0	85.1	85.6	85.9	85.9	86.1	86.4	87.0	87.5
	~~54.9~~	~~67.4~~	~~73.0~~	~~78.5~~	~~83.4~~	~~84.0~~	~~84.9~~	~~85.9~~	~~86.0~~	~~86.5~~	~~86.7~~	~~86.8~~	~~87.0~~	~~87.3~~	~~87.9~~	~~88.4~~
≥ 500 ≥ 400	54.9	67.9	73.5	79.0	84.3	84.9	86.0	87.1	87.2	87.7	87.9	88.0	88.2	88.4	89.0	89.6
	~~54.9~~	~~67.9~~	~~73.6~~	~~79.2~~	~~84.6~~	~~85.2~~	~~86.3~~	~~87.4~~	~~87.5~~	~~88.0~~	~~88.2~~	~~88.3~~	~~88.5~~	~~88.8~~	~~89.4~~	~~90.0~~
≥ 300 ≥ 200	54.9	67.9	73.6	79.3	85.3	86.4	87.5	88.7	88.8	89.3	89.5	89.6	89.8	90.0	90.6	91.2
	~~54.9~~	~~67.9~~	~~73.7~~	~~79.4~~	~~85.4~~	~~86.6~~	~~87.8~~	~~89.0~~	~~89.1~~	~~89.7~~	~~89.9~~	~~90.0~~	~~90.2~~	~~90.4~~	~~91.0~~	~~91.6~~
≥ 100 0	54.9	67.9	73.7	79.4	85.5	86.7	88.0	89.2	89.3	89.9	90.1	90.2	90.4	90.6	91.2	91.8
	~~54.9~~	~~67.9~~	~~73.7~~	~~79.4~~	~~85.5~~	~~86.7~~	~~88.0~~	~~89.2~~	~~89.3~~	~~89.9~~	~~90.1~~	~~90.2~~	~~90.4~~	~~90.6~~	~~91.2~~	~~91.8~~

TOTAL NUMBER OF OBSERVATIONS ~~1380~~

USAF ETAC FORM AUG 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04742 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 50-70 YEARS — SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0800 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.5	45.0	46.7	49.2	50.9	51.2	51.7	51.9	52.1	52.6	52.8	52.9	53.0	53.0	53.0	53.9
≥ 20000	43.0	48.1	50.1	52.8	54.8	55.1	55.7	56.1	56.3	56.7	57.0	57.0	57.3	57.3	57.3	58.3
≥ 18000	43.0	48.2	50.3	53.0	53.0	55.3	55.9	56.3	56.5	57.0	57.2	57.3	57.5	57.5	57.6	58.5
≥ 16000	43.1	48.3	50.4	53.1	55.1	55.4	56.0	56.4	56.6	57.0	57.3	57.3	57.6	57.6	57.6	58.6
≥ 14000	43.8	49.2	51.3	54.1	56.2	56.5	57.1	57.5	57.7	58.1	58.4	58.4	58.7	58.7	58.7	59.7
≥ 12000	45.0	50.7	52.8	55.8	57.9	58.1	58.7	59.1	59.3	59.8	60.0	60.1	60.3	60.3	60.4	61.3
≥ 10000	45.9	52.2	54.4	57.6	59.8	60.1	60.7	61.1	61.3	61.8	62.0	62.1	62.3	62.3	62.4	63.3
≥ 9000	46.7	53.1	55.3	58.7	61.0	61.3	61.9	62.3	62.5	63.0	63.2	63.3	63.5	63.5	63.6	64.5
≥ 8000	48.2	55.0	57.6	60.8	63.2	63.6	64.2	64.6	64.8	65.3	65.5	65.6	65.8	65.8	65.9	66.8
≥ 7000	50.6	57.8	60.3	63.6	66.1	66.6	67.2	67.6	67.8	68.2	68.4	68.5	68.7	68.7	68.8	69.8
≥ 6000	51.0	58.4	61.0	64.4	67.0	67.5	68.1	68.4	68.7	69.1	69.3	69.4	69.6	69.6	69.7	70.7
≥ 5000	52.2	60.3	63.0	66.6	69.0	69.6	70.1	70.5	70.7	71.2	71.4	71.5	71.7	71.7	71.8	72.7
≥ 4500	53.1	61.3	63.9	67.5	70.1	70.6	71.2	71.6	71.8	72.2	72.4	72.5	72.7	72.7	72.8	73.8
≥ 4000	53.9	62.4	65.2	68.8	71.4	71.9	72.5	72.9	73.1	73.6	73.8	73.8	74.1	74.1	74.1	75.1
≥ 3500	54.2	63.0	65.8	69.4	72.0	72.5	73.2	73.6	73.8	74.3	74.5	74.6	74.8	74.8	74.9	75.9
≥ 3000	55.0	64.1	67.0	70.8	73.4	73.9	74.6	75.0	75.2	75.7	75.9	76.0	76.2	76.2	76.3	77.3
≥ 2500	56.1	65.3	68.3	72.3	75.1	75.6	76.3	76.7	76.9	77.4	77.6	77.7	77.9	77.9	78.0	79.0
≥ 2000	57.3	66.6	69.8	73.9	76.6	77.1	77.9	78.2	78.4	79.0	79.2	79.3	79.5	79.5	79.6	80.5
≥ 1800	57.5	67.0	70.2	74.4	77.0	77.6	78.3	78.7	78.9	79.4	79.6	79.7	79.9	79.9	80.0	81.0
≥ 1500	57.9	67.4	70.7	75.1	77.9	78.6	79.3	79.9	80.1	80.6	80.8	80.9	81.1	81.1	81.2	82.1
≥ 1200	58.4	68.0	71.3	75.8	78.6	79.3	80.2	80.7	80.9	81.5	81.7	81.8	82.0	82.0	82.1	83.0
≥ 1000	58.5	68.2	71.6	76.4	79.3	80.1	81.0	81.6	81.8	82.3	82.4	82.5	82.7	82.7	82.9	83.9
≥ 900	58.9	68.7	72.1	77.0	80.0	80.7	81.7	82.1	82.4	83.0	83.2	83.3	83.5	83.5	83.6	84.6
≥ 800	58.9	68.9	72.4	77.4	80.7	81.6	82.6	83.0	83.3	83.9	84.1	84.2	84.4	84.4	84.6	85.6
≥ 700	58.9	69.2	72.8	78.0	81.2	82.1	83.2	83.6	83.9	84.7	84.9	85.0	85.2	85.2	85.3	86.3
≥ 600	59.0	69.4	73.1	78.7	82.1	83.1	84.2	84.8	85.3	86.3	86.5	86.6	86.8	86.8	87.0	87.9
≥ 500	59.1	69.9	73.6	79.6	83.2	84.4	85.9	86.7	87.1	88.1	88.4	88.4	88.7	88.7	88.8	89.8
≥ 400	59.3	70.2	74.1	80.1	83.8	85.0	86.7	87.6	88.1	89.8	90.1	90.2	90.5	90.5	90.7	91.7
≥ 300	59.3	70.4	74.2	80.5	84.3	85.8	87.8	89.3	89.7	91.4	91.9	91.9	92.4	92.4	92.6	93.6
≥ 200	59.3	70.4	74.2	80.5	84.4	85.9	88.1	89.9	90.4	92.3	93.3	93.4	93.9	94.1	94.3	95.3
≥ 100	59.3	70.4	74.2	80.5	84.4	85.9	88.1	89.9	90.4	92.3	93.4	93.7	94.3	94.6	95.7	96.1
0	59.3	70.4	74.2	80.5	84.4	85.9	88.1	89.9	90.4	92.3	93.4	93.7	94.4	94.8	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1350

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04747 (STATION) — PEASE AFB N H/PAIRTSMOUTH (STATION NAME) — 50-70 (YEARS) — SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0500-1100 (HOUR (L & M))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.0	50.8	52.1	53.8	54.4	54.4	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.8
≥ 20000	50.0	55.3	56.9	58.7	59.6	59.6	59.7	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9
NV 18000	50.4	55.9	57.4	59.3	60.1	60.1	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4
NV 16000	50.7	56.1	57.7	59.6	60.4	60.4	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7
NV 14000	51.0	56.5	58.1	60.0	60.9	60.9	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.3
NV 12000	52.1	57.8	59.4	61.3	62.1	62.1	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.5
NV 10000	53.7	60.3	62.0	63.9	64.8	64.8	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.2
NV 9000	54.4	61.0	62.7	64.7	65.6	65.6	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9
NV 8000	57.0	63.9	65.7	67.8	68.7	68.7	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1
NV 7000	57.8	64.7	66.7	68.7	69.8	69.8	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1
NV 6000	58.1	65.0	67.0	69.1	70.1	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.5
NV 5000	58.9	66.1	68.1	70.3	71.5	71.5	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.9
NV 4500	59.6	66.9	69.0	71.1	72.4	72.4	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7
NV 4000	61.4	68.0	71.2	73.6	74.9	74.9	75.0	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.3
NV 3500	62.4	70.4	72.5	75.0	76.3	76.3	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.7
NV 3000	64.4	72.7	75.1	77.7	79.1	79.1	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.6
NV 2500	65.6	74.4	77.0	79.9	81.3	81.3	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8
NV 2000	66.7	75.6	78.4	81.3	82.7	82.7	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.2
NV 1800	66.7	75.6	78.4	81.6	83.0	83.0	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.5
NV 1500	67.3	76.6	79.6	82.7	84.3	84.3	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7
NV 1200	68.4	77.6	80.6	83.8	85.4	85.4	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0
NV 1000	69.1	78.5	81.6	85.0	86.8	87.0	87.2	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.7
NV 900	69.2	78.7	81.9	85.3	87.2	87.4	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.2
NV 800	69.4	79.2	82.5	85.9	88.0	88.2	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.2
NV 700	69.7	79.6	83.1	86.6	88.8	89.1	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2
NV 600	69.9	80.0	83.5	87.3	89.7	90.1	91.0	91.3	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.9
NV 500	70.0	80.2	83.8	88.1	90.7	91.3	92.9	92.8	92.8	93.5	93.5	93.5	93.5	93.5	93.5	93.6
NV 400	70.0	80.3	84.1	88.7	91.6	92.7	94.2	94.7	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.7
NV 300	70.0	80.6	84.1	89.0	92.2	93.6	95.6	96.6	96.8	98.2	98.3	98.3	98.4	98.4	98.4	98.4
NV 200	70.0	80.6	84.1	89.0	92.2	93.6	95.6	97.0	97.2	98.8	99.0	99.0	99.3	99.3	99.3	99.4
NV 100	70.0	80.6	84.1	89.0	92.2	93.6	95.6	97.0	97.2	98.8	99.0	99.0	99.3	99.4	99.6	99.7
NV 0	70.0	80.6	84.1	89.0	92.2	93.6	95.6	97.0	97.2	98.8	99.0	99.0	99.3	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1350

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04742~~ STATION ~~PEASE AFB N. H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1200-1400~~ HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.6	47.3	50.7	51.2	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	~~51.6~~	~~55.7~~	~~57.1~~	~~57.6~~	~~58.2~~	~~58.2~~	~~58.2~~	~~58.2~~	~~58.2~~	~~58.2~~	~~58.2~~	~~58.2~~	~~58.2~~	~~58.2~~	~~58.2~~	~~58.2~~
≥ 18000	52.5	56.6	58.0	58.5	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 16000	~~52.7~~	~~56.7~~	~~58.1~~	~~58.7~~	~~59.3~~	~~59.3~~	~~59.3~~	~~59.3~~	~~59.3~~	~~59.3~~	~~59.3~~	~~59.3~~	~~59.3~~	~~59.3~~	~~59.3~~	~~59.3~~
≥ 14000	53.8	57.4	58.8	59.3	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 12000	~~54.4~~	~~58.6~~	~~60.0~~	~~60.6~~	~~61.3~~	~~61.3~~	~~61.3~~	~~61.3~~	~~61.3~~	~~61.3~~	~~61.3~~	~~61.3~~	~~61.3~~	~~61.3~~	~~61.3~~	~~61.3~~
≥ 10000	57.0	61.9	63.3	64.1	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 9000	~~57.6~~	~~62.5~~	~~63.9~~	~~64.7~~	~~65.5~~	~~65.6~~	~~65.6~~	~~65.6~~	~~65.6~~	~~65.6~~	~~65.6~~	~~65.6~~	~~65.6~~	~~65.6~~	~~65.6~~	~~65.6~~
≥ 8000	59.4	64.7	66.3	67.0	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 7000	~~60.6~~	~~66.0~~	~~67.6~~	~~68.3~~	~~69.1~~	~~69.2~~	~~69.2~~	~~69.2~~	~~69.2~~	~~69.2~~	~~69.2~~	~~69.2~~	~~69.2~~	~~69.2~~	~~69.2~~	~~69.2~~
≥ 6000	61.1	66.5	68.1	69.0	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 5000	~~62.6~~	~~68.0~~	~~70.6~~	~~71.6~~	~~72.4~~	~~72.5~~	~~72.5~~	~~72.5~~	~~72.5~~	~~72.5~~	~~72.5~~	~~72.5~~	~~72.5~~	~~72.5~~	~~72.5~~	~~72.5~~
≥ 4500	64.7	70.4	72.0	73.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4000	~~67.6~~	~~73.3~~	~~75.0~~	~~75.9~~	~~77.0~~	~~77.1~~	~~77.1~~	~~77.1~~	~~77.1~~	~~77.1~~	~~77.1~~	~~77.1~~	~~77.1~~	~~77.1~~	~~77.1~~	~~77.1~~
≥ 3500	69.1	75.3	76.9	77.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3000	~~71.8~~	~~78.4~~	~~80.1~~	~~81.2~~	~~82.4~~	~~82.5~~	~~82.6~~	~~82.6~~	~~82.6~~	~~82.6~~	~~82.6~~	~~82.6~~	~~82.6~~	~~82.6~~	~~82.6~~	~~82.6~~
≥ 2500	73.9	81.1	82.9	84.2	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2000	~~74.8~~	~~82.4~~	~~84.2~~	~~85.8~~	~~87.0~~	~~87.0~~	~~87.1~~	~~87.1~~	~~87.1~~	~~87.1~~	~~87.1~~	~~87.1~~	~~87.1~~	~~87.1~~	~~87.1~~	~~87.1~~
≥ 1800	75.0	82.6	84.5	86.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500	~~76.2~~	~~84.0~~	~~86.1~~	~~87.6~~	~~88.8~~	~~88.9~~	~~89.0~~	~~89.0~~	~~89.0~~	~~89.0~~	~~89.0~~	~~89.0~~	~~89.0~~	~~89.0~~	~~89.0~~	~~89.0~~
≥ 1200	76.8	84.7	87.1	88.7	90.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1000	~~77.2~~	~~85.4~~	~~88.0~~	~~89.8~~	~~91.2~~	~~91.4~~	~~91.7~~	~~91.8~~	~~91.8~~	~~91.8~~	~~91.8~~	~~91.8~~	~~91.8~~	~~91.8~~	~~91.8~~	~~91.8~~
≥ 900	77.3	85.6	88.3	90.1	91.8	92.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 800	~~77.3~~	~~85.6~~	~~88.6~~	~~90.3~~	~~92.3~~	~~92.7~~	~~93.3~~	~~93.4~~	~~93.4~~	~~93.4~~	~~93.4~~	~~93.4~~	~~93.4~~	~~93.4~~	~~93.4~~	~~93.4~~
≥ 700	77.3	85.8	89.0	91.0	92.9	93.4	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 600	~~77.4~~	~~85.9~~	~~89.1~~	~~91.3~~	~~93.3~~	~~93.9~~	~~94.6~~	~~94.8~~	~~94.8~~	~~94.8~~	~~94.8~~	~~94.8~~	~~94.8~~	~~94.8~~	~~94.8~~	~~94.8~~
≥ 500	77.4	85.9	89.2	91.6	94.3	94.9	95.5	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	~~77.4~~	~~85.9~~	~~89.2~~	~~91.8~~	~~94.9~~	~~95.6~~	~~96.6~~	~~97.1~~	~~97.1~~	~~97.3~~	~~97.3~~	~~97.3~~	~~97.3~~	~~97.3~~	~~97.3~~	~~97.5~~
≥ 300	77.4	85.9	89.2	91.8	95.0	95.7	97.2	98.0	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.0
≥ 200	~~77.4~~	~~85.9~~	~~89.2~~	~~91.8~~	~~95.0~~	~~95.7~~	~~97.2~~	~~98.4~~	~~98.7~~	~~99.2~~	~~99.4~~	~~99.4~~	~~99.5~~	~~99.6~~	~~99.6~~	~~99.6~~
≥ 100	77.4	85.9	89.2	91.8	95.0	95.7	97.3	98.4	98.7	99.3	99.6	99.6	99.9	99.9	99.9	99.9
0	~~77.4~~	~~85.9~~	~~89.2~~	~~91.8~~	~~95.0~~	~~95.7~~	~~97.3~~	~~98.4~~	~~98.7~~	~~99.3~~	~~99.6~~	~~99.6~~	~~99.9~~	~~99.9~~	~~100.0~~	~~100.0~~

TOTAL NUMBER OF OBSERVATIONS ~~1350~~

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04742~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS ~~SEP~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1200-1700~~ (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	49.6	53.6	54.6	55.9	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
	54.0	58.7	59.8	61.4	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 18000 ≥ 16000	54.2	59.0	60.1	61.6	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
	54.4	59.2	60.4	61.9	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 14000 ≥ 12000	54.7	59.9	61.3	62.8	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
	54.9	60.2	61.6	63.1	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 10000 ≥ 9000	58.7	64.4	65.9	67.6	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
	59.6	65.6	67.1	68.7	69.2	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 8000 ≥ 7000	61.6	67.9	69.4	71.3	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
	62.4	68.9	70.5	72.4	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000 ≥ 5000	63.8	70.3	72.0	73.9	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
	64.4	72.3	74.0	76.0	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4500 ≥ 4000	67.4	74.3	76.1	78.0	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
	70.4	77.6	79.6	81.6	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3500 ≥ 3000	71.3	79.0	81.0	83.0	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
	72.9	80.7	82.7	84.9	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500 ≥ 2000	73.8	81.6	83.8	86.0	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
	74.7	83.0	85.3	87.8	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1800 ≥ 1500	75.0	83.3	85.6	88.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
	75.3	84.0	86.4	89.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1200 ≥ 1000	75.8	84.6	87.3	90.1	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
	76.0	85.0	87.9	90.8	92.1	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900 ≥ 800	76.2	85.2	88.1	91.2	92.4	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
	76.2	85.2	88.1	91.4	92.7	93.3	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 700 ≥ 600	76.3	85.3	88.2	91.8	93.0	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
	76.3	85.3	88.4	91.9	93.3	93.8	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500 ≥ 400	76.3	85.5	88.6	92.1	93.9	94.6	95.5	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
	76.3	85.5	88.6	92.1	94.0	94.8	96.2	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 300 ≥ 200	76.3	85.5	88.6	92.1	94.8	95.7	97.0	97.8	97.9	98.3	98.5	98.5	98.6	98.6	98.6	98.6
	76.3	85.5	88.6	92.1	94.9	95.8	97.2	98.0	98.1	98.7	99.0	99.1	99.3	99.3	99.3	99.3
≥ 100 0	76.3	85.5	88.6	92.1	94.9	95.8	97.2	98.1	98.3	98.9	99.2	99.3	99.6	99.8	99.9	99.9
	76.3	85.5	88.6	92.1	94.9	95.8	97.2	98.1	98.3	98.9	99.2	99.3	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1380

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 58-70 YEARS — SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.3	54.2	55.9	57.2	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 20000	52.5	59.2	60.9	62.2	63.0	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 18000	53.7	59.5	61.2	62.5	63.3	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 16000	53.7	59.7	61.4	62.8	63.6	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 14000	54.6	60.7	62.4	64.0	64.8	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000	58.6	61.8	63.7	65.3	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 10000	57.4	63.9	65.9	67.8	68.7	68.8	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 9000	57.9	64.7	66.7	68.6	69.6	69.6	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 8000	60.2	67.9	70.1	72.0	73.0	73.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 7000	61.2	69.1	71.4	73.5	74.6	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 6000	61.7	69.9	72.4	74.4	75.6	75.6	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 5000	63.7	72.5	75.1	77.1	78.4	78.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4500	64.1	73.3	75.9	78.0	79.3	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	64.7	74.3	77.1	79.2	80.6	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	65.5	75.3	78.4	80.4	81.9	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000	66.7	76.7	79.9	81.9	83.6	83.8	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2500	67.6	78.0	81.2	83.3	85.1	85.2	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	68.3	78.8	82.0	84.2	86.1	86.1	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1800	68.4	79.0	82.3	84.5	86.4	86.4	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500	68.7	79.4	82.7	84.9	86.9	87.0	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1200	69.0	80.1	83.4	85.9	87.9	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	69.1	80.4	84.0	86.3	88.4	88.5	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 900	69.2	80.6	84.1	87.0	89.1	89.2	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800	69.2	80.6	84.1	87.0	89.3	89.4	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 700	69.2	80.6	84.2	87.2	89.4	89.5	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 600	69.2	80.6	84.3	87.4	90.1	90.4	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 500	69.2	80.8	84.6	88.4	91.8	92.3	93.4	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 400	69.3	81.0	84.8	89.0	93.1	93.9	95.3	95.9	96.0	96.0	96.1	96.2	96.3	96.3	96.3	96.3
≥ 300	69.3	81.0	85.0	89.2	93.5	94.2	96.0	97.0	97.2	97.3	97.7	97.8	97.9	97.9	97.9	97.9
≥ 200	69.3	81.0	85.0	89.2	93.8	94.3	96.0	97.5	97.6	98.1	98.4	98.4	98.5	98.5	98.5	98.5
≥ 100	69.3	81.0	85.0	89.2	93.8	94.4	96.0	97.6	97.8	98.2	98.7	98.7	99.0	99.0	99.1	99.1
0	69.3	81.0	85.0	89.2	93.8	94.4	96.0	97.6	97.8	98.2	98.7	98.7	99.0	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1380

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 LOCAL TIME

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.8	54.2	56.4	57.7	58.9	59.3	59.4	59.5	59.5	59.6	59.6	59.6	59.7	59.7	59.9	60.0
	49.7	57.7	60.0	61.6	62.9	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.7	63.7	63.9	64.0
≥ 18000 ≥ 16000	49.7	57.7	60.0	61.6	63.0	63.3	63.5	63.6	63.6	63.6	63.7	63.7	63.8	63.8	64.0	64.1
	49.7	57.8	60.1	61.8	63.1	63.5	63.6	63.7	63.7	63.8	63.9	63.9	63.9	63.9	64.1	64.2
≥ 14000 ≥ 12000	50.8	59.1	61.4	63.1	64.4	64.8	65.0	65.0	65.0	65.1	65.2	65.2	65.3	65.3	65.5	65.6
	51.6	60.0	62.4	64.1	65.8	66.2	66.4	66.4	66.4	66.5	66.6	66.6	66.7	66.7	66.8	66.9
≥ 10000 ≥ 9000	52.9	63.0	65.6	67.6	68.9	69.3	69.5	69.6	69.6	69.6	69.7	69.7	69.8	69.8	70.0	70.1
	54.3	63.6	66.1	68.1	69.4	69.9	70.0	70.1	70.1	70.1	70.2	70.2	70.3	70.3	70.5	70.6
≥ 8000 ≥ 7000	56.4	65.8	68.6	70.7	72.1	72.5	72.7	72.8	72.9	73.0	73.0	73.0	73.1	73.1	73.3	73.4
	57.3	67.0	70.1	72.2	73.6	74.1	74.3	74.4	74.4	74.5	74.6	74.6	74.7	74.7	74.9	75.0
≥ 6000 ≥ 5000	57.9	67.9	71.1	73.2	74.7	75.1	75.3	75.4	75.5	75.6	75.6	75.6	75.7	75.7	75.9	76.0
	58.9	68.3	72.6	74.7	76.4	76.8	77.0	77.1	77.2	77.3	77.3	77.3	77.4	77.4	77.6	77.7
≥ 4500 ≥ 4000	59.7	70.5	73.9	76.1	77.9	78.3	78.5	78.6	78.7	78.7	78.8	78.8	78.9	78.9	79.1	79.2
	60.5	71.4	75.1	77.3	79.4	79.9	80.1	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.7	80.7
≥ 3500 ≥ 3000	60.8	71.7	75.7	78.1	80.1	80.5	80.7	80.8	80.9	81.0	81.0	81.0	81.1	81.1	81.3	81.4
	61.6	73.0	77.1	79.6	81.6	82.1	82.3	82.4	82.4	82.5	82.6	82.6	82.7	82.7	82.9	83.0
≥ 2500 ≥ 2000	62.2	74.0	78.3	81.1	83.2	83.7	83.9	84.0	84.1	84.1	84.2	84.2	84.3	84.3	84.5	84.6
	62.7	74.7	79.3	82.1	84.2	84.7	85.0	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.6	85.6
≥ 1800 ≥ 1500	62.8	75.0	79.5	82.4	84.6	85.1	85.4	85.5	85.6	85.6	85.7	85.7	85.8	85.8	86.0	86.1
	63.1	75.4	80.1	83.1	85.3	86.0	86.3	86.4	86.4	86.5	86.6	86.6	86.7	86.7	86.9	87.0
≥ 1200 ≥ 1000	63.3	75.9	80.6	83.7	86.1	86.7	87.0	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.6	87.6
	63.3	76.1	80.8	84.2	86.7	87.3	87.6	87.6	87.7	87.8	87.9	87.9	87.9	87.9	88.1	88.2
≥ 900 ≥ 800	63.6	76.3	81.0	84.6	87.2	87.7	88.0	88.1	88.2	88.3	88.4	88.4	88.4	88.4	88.7	88.7
	63.6	76.4	81.3	84.8	87.4	87.9	88.2	88.3	88.4	88.5	88.7	88.7	88.8	88.8	89.0	89.1
≥ 700 ≥ 600	63.6	76.7	81.6	85.3	87.9	88.4	88.7	89.0	89.1	89.2	89.3	89.3	89.3	89.3	89.6	89.6
	63.6	76.8	81.7	85.7	88.3	88.9	89.2	89.4	89.5	89.6	89.7	89.7	89.8	89.8	90.0	90.1
≥ 500 ≥ 400	63.7	77.1	82.0	86.2	89.3	90.4	91.0	91.6	91.7	91.8	91.9	91.9	91.9	91.9	92.1	92.2
	63.7	77.1	82.2	86.8	90.7	91.9	92.6	93.2	93.4	93.5	93.6	93.6	93.6	93.6	93.8	93.9
≥ 300 ≥ 200	63.7	77.2	82.4	87.0	91.5	92.8	94.0	94.9	95.0	95.1	95.2	95.2	95.3	95.3	95.5	95.7
	63.7	77.2	82.4	87.0	91.8	93.1	94.3	95.3	95.5	95.6	95.8	95.8	95.9	95.9	96.2	96.4
≥ 100 0	63.7	77.2	82.4	87.0	91.9	93.2	94.4	95.6	95.7	96.1	96.4	96.4	97.3	97.3	97.9	98.4
	63.7	77.2	82.4	87.0	91.9	93.2	94.5	95.8	95.9	96.4	96.8	96.8	97.8	97.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1320

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04743~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~36-70~~ YEARS CI MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0000-0300~~ HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.0	53.2	54.6	56.0	57.8	58.5	59.0	59.1	59.1	59.5	59.6	59.6	59.7	59.8	60.0	61.1
≥ 18000 ≥ 16000	47.5	55.1	56.7	58.1	60.0	60.7	61.2	61.4	61.4	61.8	61.9	61.9	62.0	62.1	62.3	63.4
≥ 14000 ≥ 12000	48.0	55.6	57.3	58.9	60.8	61.5	62.1	62.2	62.2	62.6	62.7	62.7	62.8	62.9	63.1	64.2
≥ 10000 ≥ 9000	50.4	58.4	60.1	61.9	63.8	64.5	65.1	65.2	65.2	65.6	65.7	65.7	65.8	65.9	66.1	67.2
≥ 8000 ≥ 7000	54.0	62.4	64.4	66.1	68.1	68.8	69.4	69.5	69.5	69.9	70.0	70.0	70.1	70.2	70.4	71.5
≥ 6000 ≥ 5000	57.0	66.2	68.5	70.5	72.6	73.4	74.0	74.1	74.1	74.5	74.6	74.6	74.7	74.8	75.0	76.1
≥ 4500 ≥ 4000	59.3	68.8	71.4	73.4	75.7	76.5	77.1	77.3	77.3	77.6	77.8	77.8	77.8	77.9	78.1	79.2
≥ 3500 ≥ 3000	60.8	70.8	73.6	76.1	78.4	79.2	79.9	80.0	80.0	80.4	80.5	80.5	80.6	80.6	80.9	81.9
≥ 2500 ≥ 2000	61.7	72.2	75.1	77.6	79.9	80.9	81.5	81.7	81.7	82.1	82.2	82.2	82.3	82.4	82.6	83.7
≥ 1800 ≥ 1500	62.7	73.5	76.6	79.1	81.5	82.4	83.1	83.3	83.3	83.7	83.8	83.8	83.9	83.9	84.2	85.2
≥ 1200 ≥ 1000	63.4	74.8	77.9	80.6	83.2	84.1	84.9	85.1	85.1	85.4	85.6	85.6	85.7	85.7	85.9	87.0
≥ 900 ≥ 800	63.9	75.3	78.6	81.5	84.1	85.0	85.8	86.0	86.0	86.4	86.5	86.5	86.6	86.7	86.9	88.0
≥ 700 ≥ 600	63.9	75.7	79.0	82.1	86.2	87.2	88.0	88.2	88.2	88.5	88.7	88.7	88.7	88.8	89.0	90.1
≥ 500 ≥ 400	63.9	75.8	80.1	83.9	87.3	88.5	89.5	89.7	89.8	90.2	90.3	90.3	90.4	90.5	90.7	91.8
≥ 300 ≥ 200	63.9	75.8	80.2	84.2	88.0	89.0	91.0	92.0	92.1	92.5	92.7	92.7	92.8	92.9	93.1	94.3
≥ 100 0	63.9	75.8	80.2	84.4	88.7	90.2	91.8	92.7	93.1	93.8	94.3	94.3	94.5	94.6	94.8	96.0

TOTAL NUMBER OF OBSERVATIONS 1393

USAF ETAC FORM AFL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04742 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 50-70 YEARS — OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0700-0800 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.2	52.0	54.9	56.8	59.6	59.9	60.4	60.9	60.9	61.0	61.0	61.0	61.1	61.4	61.7	62.9
≥ 20000	46.1	52.9	55.9	57.8	60.7	61.0	61.5	61.9	61.9	62.1	62.1	62.1	62.3	62.5	62.8	64.0
≥ 18000	46.2	53.0	56.0	57.8	60.8	61.1	61.6	62.0	62.0	62.2	62.2	62.2	62.3	62.6	62.9	64.1
≥ 16000	46.4	53.2	56.2	58.1	61.0	61.3	61.8	62.2	62.2	62.4	62.4	62.4	62.5	62.8	63.1	64.3
≥ 14000	46.6	53.5	56.5	58.6	61.5	61.8	62.3	62.7	62.7	62.9	62.9	62.9	63.0	63.3	63.6	64.8
≥ 12000	47.4	54.3	57.3	59.4	62.4	62.7	63.2	63.6	63.6	63.7	63.7	63.7	63.9	64.2	64.4	65.7
≥ 10000	48.7	55.9	59.1	61.1	64.1	64.4	64.9	65.4	65.4	65.5	65.5	65.5	65.7	65.9	66.2	67.5
≥ 9000	49.2	56.4	59.6	61.7	64.7	64.9	65.5	65.9	65.9	66.1	66.1	66.1	66.3	66.5	66.8	68.0
≥ 8000	50.5	58.1	61.4	63.5	66.5	66.8	67.5	68.0	68.0	68.2	68.2	68.2	68.3	68.6	68.9	70.1
≥ 7000	51.0	58.7	62.4	64.6	68.0	68.3	69.1	70.1	70.1	70.4	70.4	70.4	70.5	70.8	71.1	72.3
≥ 6000	53.3	61.6	65.3	67.6	70.7	71.1	71.9	72.3	72.3	72.6	72.6	72.6	72.8	73.0	73.3	74.6
≥ 5000	54.8	63.8	67.7	70.2	73.3	73.7	74.5	74.9	74.9	75.3	75.3	75.3	75.5	75.8	76.1	77.4
≥ 4500	55.6	64.7	68.7	71.3	74.3	74.8	75.6	76.0	76.0	76.3	76.3	76.3	76.4	76.7	77.0	78.2
≥ 4000	56.5	65.8	69.8	72.4	75.5	75.9	76.7	77.1	77.1	77.4	77.4	77.4	77.6	77.8	78.1	79.4
≥ 3500	57.6	67.2	71.2	74.1	77.1	77.6	78.4	78.8	78.8	79.1	79.1	79.1	79.2	79.5	79.8	81.0
≥ 3000	58.3	68.2	72.3	75.2	78.3	78.9	79.6	80.1	80.1	80.4	80.4	80.4	80.5	80.8	81.1	82.3
≥ 2500	58.6	68.6	72.6	75.6	78.7	79.3	80.1	80.5	80.5	80.9	80.9	80.9	81.0	81.3	81.6	82.8
≥ 2000	59.1	69.4	73.5	76.6	79.6	80.2	81.0	81.4	81.4	81.8	81.8	81.8	81.9	82.2	82.5	83.7
≥ 1800	59.6	70.0	74.1	77.2	80.3	80.9	81.9	82.1	82.1	82.4	82.4	82.4	82.6	82.9	83.2	84.4
≥ 1500	59.7	70.1	74.2	77.3	80.4	81.0	82.0	82.2	82.2	82.5	82.5	82.5	82.7	83.0	83.3	84.5
≥ 1200	59.8	70.8	75.1	78.2	81.3	81.9	82.7	83.1	83.1	83.4	83.4	83.4	83.6	83.9	84.2	85.4
≥ 1000	60.1	71.1	75.3	78.4	81.7	82.3	83.1	83.5	83.5	83.9	83.9	83.9	84.0	84.3	84.6	85.8
≥ 900	60.3	71.3	76.0	79.3	82.4	83.0	83.8	84.2	84.2	84.6	84.6	84.6	84.7	85.0	85.3	86.5
≥ 800	60.3	71.7	76.4	79.8	83.0	83.6	84.4	84.8	84.8	85.2	85.2	85.2	85.3	85.6	85.9	87.2
≥ 700	60.3	71.9	76.7	80.3	84.2	84.8	85.7	86.1	86.1	86.5	86.5	86.5	86.6	86.9	87.2	88.4
≥ 600	60.3	71.9	76.8	80.4	84.4	85.2	86.1	86.5	86.5	86.9	86.9	86.9	87.0	87.3	87.6	88.8
≥ 500	60.3	72.0	77.1	81.1	85.7	86.6	87.7	88.2	88.2	88.7	88.7	88.7	88.8	89.1	89.4	90.6
≥ 400	60.3	72.0	77.3	81.7	86.3	87.6	89.0	89.5	89.5	90.1	90.1	90.1	90.3	90.5	90.8	92.0
≥ 300	60.3	72.0	77.3	81.9	87.2	88.5	90.3	91.1	91.5	91.9	92.0	92.0	92.2	92.6	92.9	94.1
≥ 200	60.3	72.0	77.3	82.0	87.3	88.8	91.0	91.9	92.4	93.3	93.6	93.7	94.0	94.4	94.8	96.1
≥ 100	60.3	72.0	77.3	82.0	87.3	88.8	91.0	91.9	92.7	93.5	94.0	94.1	94.4	94.8	95.2	97.0
0	60.3	72.0	77.3	82.0	87.3	88.8	91.0	91.9	92.7	93.5	94.0	94.1	94.4	94.8	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1385

USAF ETAC FORM JUL 61 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04747~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS ~~OCT~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0600-0900~~ (L.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	43.4	45.9	48.2	50.1	52.4	52.9	53.5	53.9	54.0	54.7	54.7	54.7	54.9	54.9	55.1	55.9
	~~46.3~~	~~49.3~~	~~51.8~~	~~54.0~~	~~56.5~~	~~57.1~~	~~57.7~~	~~58.3~~	~~58.4~~	~~59.1~~	~~59.1~~	~~59.2~~	~~59.5~~	~~59.5~~	~~59.7~~	~~60.4~~
≥ 18000 ≥ 16000	46.5	49.5	52.0	54.2	56.7	57.3	57.9	58.5	58.6	59.3	59.4	59.4	59.7	59.7	59.9	60.9
	~~46.7~~	~~49.8~~	~~52.3~~	~~54.5~~	~~57.0~~	~~57.6~~	~~58.2~~	~~58.8~~	~~58.9~~	~~59.6~~	~~59.6~~	~~59.7~~	~~60.0~~	~~60.0~~	~~60.2~~	~~61.1~~
≥ 14000 ≥ 12000	47.4	50.8	53.2	55.6	58.1	58.6	59.3	59.9	59.9	60.6	60.8	60.9	61.1	61.1	61.4	62.3
	~~48.8~~	~~52.0~~	~~54.6~~	~~57.0~~	~~59.6~~	~~60.1~~	~~60.8~~	~~61.4~~	~~61.4~~	~~62.3~~	~~62.3~~	~~62.4~~	~~62.7~~	~~62.7~~	~~62.9~~	~~63.8~~
≥ 10000 ≥ 9000	50.9	54.7	57.4	59.9	62.8	63.4	64.0	64.6	64.7	65.4	65.6	65.7	66.1	66.1	66.3	67.2
	~~51.3~~	~~55.4~~	~~58.1~~	~~60.6~~	~~63.6~~	~~64.2~~	~~64.8~~	~~65.4~~	~~65.5~~	~~66.3~~	~~66.5~~	~~66.5~~	~~67.0~~	~~67.0~~	~~67.2~~	~~68.2~~
≥ 8000 ≥ 7000	53.4	57.6	60.5	63.0	65.9	66.5	67.2	67.8	67.9	68.6	68.8	68.9	69.3	69.3	69.5	70.7
	~~54.3~~	~~58.5~~	~~61.9~~	~~64.4~~	~~67.4~~	~~68.0~~	~~68.6~~	~~69.2~~	~~69.3~~	~~70.0~~	~~70.3~~	~~70.3~~	~~70.8~~	~~70.8~~	~~71.0~~	~~72.1~~
≥ 6000 ≥ 5000	55.1	59.7	62.9	65.6	68.5	69.1	69.7	70.4	70.5	71.3	71.5	71.5	72.0	72.0	72.2	73.3
	~~56.3~~	~~61.4~~	~~64.8~~	~~67.7~~	~~70.8~~	~~71.4~~	~~72.0~~	~~72.7~~	~~72.8~~	~~73.5~~	~~73.8~~	~~73.8~~	~~74.3~~	~~74.3~~	~~74.5~~	~~75.6~~
≥ 4500 ≥ 4000	57.2	62.4	65.9	68.7	71.8	72.3	73.1	73.8	73.8	74.6	74.8	74.9	75.3	75.3	75.6	76.7
	~~57.8~~	~~62.8~~	~~66.3~~	~~69.3~~	~~72.4~~	~~73.0~~	~~73.7~~	~~74.3~~	~~74.4~~	~~75.2~~	~~75.4~~	~~75.5~~	~~75.9~~	~~75.9~~	~~76.1~~	~~77.2~~
≥ 3500 ≥ 3000	58.6	64.1	67.7	70.8	73.8	74.3	75.1	75.8	75.8	76.6	76.8	76.9	77.3	77.3	77.6	78.7
	~~59.8~~	~~65.4~~	~~69.2~~	~~72.3~~	~~75.5~~	~~76.1~~	~~76.8~~	~~77.5~~	~~77.6~~	~~78.4~~	~~78.6~~	~~78.6~~	~~79.1~~	~~79.1~~	~~79.3~~	~~80.4~~
≥ 2500 ≥ 2000	60.1	65.9	69.7	72.8	76.1	76.7	77.3	78.2	78.3	79.1	79.3	79.4	79.8	79.8	80.0	81.1
	~~60.6~~	~~66.5~~	~~70.8~~	~~73.8~~	~~77.2~~	~~77.8~~	~~78.4~~	~~79.4~~	~~79.5~~	~~80.3~~	~~80.5~~	~~80.6~~	~~81.0~~	~~81.0~~	~~81.2~~	~~82.4~~
≥ 1800 ≥ 1500	61.4	67.2	71.3	74.6	78.0	78.6	79.4	80.2	80.3	81.1	81.3	81.4	81.8	81.8	82.0	83.2
	~~62.0~~	~~68.2~~	~~72.3~~	~~75.7~~	~~79.1~~	~~79.8~~	~~80.6~~	~~81.4~~	~~81.5~~	~~82.3~~	~~82.5~~	~~82.6~~	~~83.0~~	~~83.0~~	~~83.2~~	~~84.4~~
≥ 1200 ≥ 1000	62.2	68.4	72.8	76.3	79.7	80.4	81.1	82.0	82.1	82.9	83.1	83.2	83.6	83.6	83.8	85.0
	~~62.2~~	~~68.5~~	~~73.1~~	~~76.9~~	~~80.8~~	~~81.5~~	~~82.2~~	~~82.9~~	~~83.0~~	~~83.8~~	~~84.0~~	~~84.1~~	~~84.5~~	~~84.5~~	~~84.7~~	~~85.9~~
≥ 900 ≥ 800	62.4	68.7	73.3	77.3	80.9	81.6	82.4	83.4	83.4	84.2	84.4	84.5	84.9	84.9	85.2	86.4
	~~62.8~~	~~68.9~~	~~73.5~~	~~77.4~~	~~81.1~~	~~81.7~~	~~82.6~~	~~83.6~~	~~83.7~~	~~84.5~~	~~84.7~~	~~84.8~~	~~85.2~~	~~85.2~~	~~85.4~~	~~86.7~~
≥ 700 ≥ 600	62.7	69.3	73.9	78.0	81.9	82.6	83.7	84.8	85.0	85.9	86.1	86.2	86.6	86.6	86.8	88.0
	~~62.7~~	~~69.4~~	~~74.1~~	~~78.4~~	~~82.6~~	~~83.2~~	~~84.2~~	~~85.3~~	~~85.4~~	~~86.3~~	~~86.6~~	~~86.7~~	~~87.1~~	~~87.1~~	~~87.4~~	~~88.7~~
≥ 500 ≥ 400	62.7	69.3	74.3	78.9	83.3	84.3	86.4	87.8	88.0	88.9	89.4	89.5	90.0	90.0	90.2	91.5
	~~62.7~~	~~69.3~~	~~74.6~~	~~79.4~~	~~84.2~~	~~85.0~~	~~87.3~~	~~88.8~~	~~89.2~~	~~90.3~~	~~90.8~~	~~90.8~~	~~91.4~~	~~91.4~~	~~91.6~~	~~92.9~~
≥ 300 ≥ 200	62.8	69.4	74.8	79.6	84.4	85.7	88.3	89.9	90.4	91.5	92.3	92.4	93.0	93.0	93.3	94.6
	~~63.8~~	~~69.6~~	~~74.9~~	~~79.6~~	~~84.6~~	~~85.9~~	~~88.4~~	~~90.2~~	~~90.6~~	~~91.6~~	~~92.5~~	~~92.6~~	~~93.3~~	~~93.4~~	~~93.5~~	~~94.7~~
≥ 100 0	62.8	69.4	74.8	79.6	84.6	85.9	88.4	90.2	91.0	92.7	93.8	93.8	93.8	93.8	97.1	99.4
	~~63.8~~	~~69.6~~	~~74.9~~	~~79.6~~	~~84.6~~	~~85.9~~	~~88.4~~	~~90.2~~	~~91.0~~	~~92.7~~	~~93.8~~	~~93.8~~	~~93.8~~	~~93.8~~	~~97.2~~	~~99.4~~

TOTAL NUMBER OF OBSERVATIONS ~~1388~~

USAF ETAC FORM JUL 61 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04743~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~58-70~~ YEARS OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~0000-1100~~ HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.3	51.0	52.9	54.2	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.9	55.0	55.1	55.1
≥ 20000	50.3	55.5	57.6	59.0	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.1	60.1
≥ 18000	50.5	55.8	57.8	59.3	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.3	60.4	60.4
≥ 16000	51.0	56.3	58.6	60.0	60.5	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.1	61.1
≥ 14000	52.0	57.8	60.0	61.4	61.9	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.5	62.5
≥ 12000	53.8	59.8	62.2	63.6	64.1	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.6	64.7	64.7
≥ 10000	56.1	62.5	65.1	66.7	67.2	67.4	67.6	67.7	67.7	67.8	67.8	67.8	67.9	68.0	68.0	68.0
≥ 9000	56.2	62.7	65.2	66.8	67.4	67.5	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.1	68.2	68.2
≥ 8000	57.6	64.7	67.4	69.2	69.7	69.9	70.1	70.3	70.3	70.3	70.3	70.3	70.4	70.5	70.5	70.5
≥ 7000	58.7	66.1	68.7	70.5	71.1	71.3	71.5	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.9	71.9
≥ 6000	59.5	67.2	69.8	71.8	72.4	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.1	73.2	73.3	73.3
≥ 5000	60.4	68.2	70.8	72.8	73.5	73.7	73.9	74.1	74.1	74.1	74.1	74.1	74.2	74.3	74.3	74.3
≥ 4500	60.9	68.7	71.4	73.5	74.1	74.3	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.9	75.0	75.0
≥ 4000	61.4	69.2	72.0	74.1	74.8	75.0	75.2	75.4	75.4	75.5	75.5	75.5	75.6	75.6	75.8	75.8
≥ 3500	62.8	70.3	73.3	75.3	76.1	76.3	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.9	77.1	77.1
≥ 3000	64.7	73.0	75.8	77.9	78.7	78.9	79.1	79.4	79.4	79.4	79.4	79.4	79.5	79.6	79.7	79.7
≥ 2500	66.2	74.8	77.7	79.8	80.6	80.8	81.0	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.6	81.6
≥ 2000	67.0	76.3	79.3	81.5	82.3	82.5	82.8	83.1	83.1	83.2	83.2	83.2	83.3	83.4	83.4	83.4
≥ 1800	67.8	76.9	79.9	82.4	83.2	83.4	83.7	83.9	83.9	84.1	84.1	84.1	84.2	84.2	84.4	84.4
≥ 1500	68.7	78.2	81.3	83.9	84.7	84.9	85.1	85.4	85.4	85.7	85.7	85.7	85.8	85.9	86.0	86.0
≥ 1200	69.0	78.7	81.8	84.4	85.3	85.6	85.9	86.3	86.3	86.5	86.5	86.5	86.5	86.6	86.7	86.7
≥ 1000	69.7	79.4	82.6	85.4	86.4	86.7	87.0	87.3	87.3	87.4	87.4	87.4	87.4	87.7	87.8	87.8
≥ 900	69.7	79.6	82.8	85.7	86.7	87.1	87.4	87.9	87.9	88.0	88.0	88.0	88.1	88.2	88.3	88.3
≥ 800	69.7	80.0	83.3	86.4	87.9	88.3	88.6	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.7	89.7
≥ 700	69.9	80.4	83.9	87.2	88.6	89.3	89.7	90.3	90.3	90.5	90.5	90.5	90.6	90.7	90.8	90.8
≥ 600	70.8	80.6	84.4	87.8	89.2	90.0	90.5	91.2	91.2	91.8	92.0	92.1	92.2	92.3	92.5	92.5
≥ 500	70.8	80.8	84.6	88.2	90.1	91.3	92.1	93.2	93.4	93.8	93.9	93.9	94.1	94.1	94.3	94.3
≥ 400	70.8	80.8	84.6	88.2	90.1	91.4	92.2	93.4	93.6	94.1	94.1	94.1	94.3	94.4	94.6	94.6
≥ 300	70.8	80.9	84.7	88.3	90.2	91.5	92.3	93.6	93.8	94.3	94.3	94.3	94.5	94.6	94.8	94.8
≥ 200	70.8	80.9	84.7	88.3	90.2	91.5	92.3	93.6	93.8	94.3	94.3	94.3	94.5	94.6	94.8	94.8
≥ 100	70.8	80.9	84.7	88.3	90.2	91.5	92.3	93.6	93.8	94.3	94.3	94.3	94.5	94.6	94.8	94.8
0	70.8	80.9	84.7	88.3	90.2	91.5	92.3	93.6	93.8	94.3	94.3	94.3	94.5	94.6	94.8	94.8

TOTAL NUMBER OF OBSERVATIONS 1383

USAF ETAC FORM AUG 61 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04763~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS ~~LCT~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1200-1400~~ HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.8	52.9	54.1	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	54.9	58.8	59.9	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000	55.2	59.0	60.2	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 16000	55.8	59.7	60.9	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000	55.9	59.9	61.0	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	57.2	61.3	62.5	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 10000	58.9	63.6	64.7	65.6	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 9000	59.8	64.5	65.6	66.6	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	61.2	66.1	67.2	68.4	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 7000	62.5	67.8	69.1	70.2	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 6000	63.2	68.9	70.2	71.4	71.7	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 5000	65.0	70.9	72.4	73.5	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	65.8	71.9	73.3	74.5	74.8	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 4000	67.6	73.8	75.3	76.4	76.9	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3500	69.0	75.7	77.2	78.3	78.8	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3000	71.1	77.9	79.5	80.6	81.1	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2500	73.2	80.2	81.9	83.1	83.6	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	74.0	81.0	82.8	84.0	84.5	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1800	74.5	82.1	83.7	85.0	85.6	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1500	75.8	83.7	85.4	86.8	87.5	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1200	75.9	83.9	85.7	87.4	88.6	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1000	76.4	84.0	85.8	87.6	88.9	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 900	76.8	85.4	87.2	89.0	90.4	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	77.0	85.5	87.3	89.2	90.6	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 700	77.0	86.0	87.9	91.0	93.0	93.3	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 600	77.1	87.1	89.2	91.5	93.8	94.3	94.6	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 500	77.2	87.2	89.6	92.2	94.9	95.4	96.3	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 400	77.2	87.4	89.8	92.5	95.4	96.2	97.1	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	77.2	87.4	89.8	92.5	95.4	96.4	97.4	98.2	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	77.2	87.4	89.8	92.5	95.4	96.4	97.4	98.4	98.4	98.8	99.1	99.1	99.2	99.2	99.4	99.4
≥ 100	77.2	87.4	89.8	92.5	95.4	96.4	97.5	98.4	98.4	98.8	99.3	99.5	99.6	99.7	100.0	100.0
≥ 0	77.2	87.4	89.8	92.5	95.4	96.4	97.5	98.4	98.4	98.8	99.3	99.5	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS ~~1394~~

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 50-70 YEARS — OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.4	53.2	54.0	55.1	55.6	55.7	55.7	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 20000	55.6	59.1	60.0	61.1	61.6	61.8	61.9	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 18000	55.8	59.4	60.2	61.3	61.8	62.0	62.1	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 16000	56.0	59.5	60.4	61.4	61.9	62.2	62.2	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 14000	56.8	60.4	61.2	62.3	62.9	63.1	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 12000	58.6	62.4	63.2	64.3	64.9	65.1	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 10000	60.5	64.7	65.6	66.7	67.3	67.5	67.6	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 9000	61.2	65.5	66.6	67.7	68.3	68.5	68.6	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 8000	62.8	67.6	68.7	69.8	70.5	70.7	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	64.4	69.5	70.6	71.8	72.7	73.0	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	65.0	71.2	72.3	73.6	74.5	74.8	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 5000	67.5	73.3	74.7	76.1	77.0	77.3	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4500	68.8	74.8	76.2	77.7	78.6	78.9	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4000	70.6	77.1	78.5	80.0	81.0	81.3	81.5	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	71.8	78.4	79.8	81.4	82.4	82.7	82.9	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	73.5	80.1	81.6	83.4	84.4	84.7	85.1	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2500	74.8	81.5	83.2	85.1	86.2	86.5	86.8	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	75.6	82.4	84.1	86.0	87.1	87.5	87.9	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	75.8	82.8	84.4	86.4	87.5	87.9	88.2	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1500	77.1	84.2	85.8	87.7	88.8	89.2	89.6	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1200	77.1	84.3	86.0	88.2	89.4	89.8	90.2	90.3	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1000	77.6	85.1	87.0	89.3	90.7	91.2	91.6	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 900	77.6	85.3	87.2	89.6	91.0	91.5	91.8	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 800	77.8	85.5	87.5	90.0	91.5	92.1	92.4	92.9	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	77.8	85.6	88.0	90.8	92.5	93.0	93.3	94.1	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6
≥ 600	77.8	85.6	88.1	91.1	92.8	93.3	93.7	94.5	94.8	95.2	95.4	95.4	95.4	95.4	95.4	95.4
≥ 500	77.8	86.2	88.7	91.8	94.1	94.8	95.4	96.3	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	77.8	86.2	88.7	91.8	94.3	95.2	95.8	97.0	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300	77.8	86.2	88.7	91.8	94.8	95.7	96.4	97.9	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	77.8	86.2	88.7	91.8	94.8	95.7	96.4	98.1	98.5	99.2	99.5	99.5	99.6	99.6	99.6	99.6
≥ 100	77.8	86.2	88.7	91.8	94.8	95.7	96.4	98.1	98.5	99.2	99.6	99.6	99.6	99.6	99.7	99.7
0	77.8	86.2	88.7	91.8	94.8	95.7	96.4	98.1	98.5	99.2	99.6	99.6	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1389

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04763 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 50-70 YEARS | ~~GCT~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1100-2000~~ HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.9	55.2	56.1	57.6	59.0	59.1	59.4	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20000	53.0	59.1	60.4	61.8	63.4	63.5	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 18000	53.0	59.1	60.4	61.8	63.4	63.5	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 16000	53.1	59.4	60.6	62.0	63.7	63.7	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 14000	53.7	60.1	61.4	62.8	64.6	64.7	65.0	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 12000	55.2	61.8	63.0	64.4	66.2	66.4	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	57.5	64.3	65.7	67.2	69.2	69.2	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	58.1	65.0	66.5	68.0	69.9	70.0	70.3	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 8000	59.2	66.2	67.7	69.4	71.3	71.4	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 7000	60.8	67.7	69.2	71.0	73.1	73.3	73.6	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 6000	62.3	70.0	71.9	73.8	76.0	76.1	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	64.3	73.6	74.6	76.4	79.1	79.3	79.6	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	65.6	74.3	76.3	78.3	80.8	81.0	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	65.9	75.0	77.0	79.0	81.5	81.7	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3500	66.5	75.6	77.6	79.6	82.2	82.4	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3000	67.8	77.0	79.1	81.1	83.7	83.9	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2500	69.4	79.0	81.2	83.4	85.9	86.2	86.6	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	70.3	80.2	82.5	84.8	87.3	87.5	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1800	70.8	80.9	83.2	85.5	88.0	88.2	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	71.4	81.4	83.9	86.2	88.9	89.1	89.5	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1200	71.4	81.8	84.1	86.5	89.2	89.4	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1000	71.8	82.0	84.7	87.1	89.9	90.1	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 900	71.8	82.2	84.9	87.4	90.3	90.6	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 800	71.8	82.8	85.6	88.2	91.3	91.6	92.1	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 700	71.8	83.0	85.8	88.3	91.7	92.1	92.7	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 600	71.8	83.1	86.0	88.5	92.1	92.5	93.0	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 500	71.8	83.1	86.1	89.2	92.9	93.3	93.8	94.3	94.4	94.7	94.9	95.0	95.0	95.0	95.0	95.0
≥ 400	71.8	83.1	86.1	89.2	93.1	93.5	94.0	94.5	94.6	94.8	95.0	95.1	95.1	95.1	95.1	95.1
≥ 300	71.8	83.1	86.1	89.3	93.3	93.8	94.2	94.8	94.9	95.1	95.3	95.4	95.4	95.4	95.4	95.4
≥ 200	71.8	83.1	86.1	89.3	93.3	93.8	94.3	94.8	95.0	95.2	95.4	95.5	95.5	95.5	95.5	95.5
≥ 100	71.8	83.1	86.1	89.3	93.3	93.8	94.3	94.8	95.0	95.2	95.4	95.5	95.5	95.5	95.5	95.5
0	71.8	83.1	86.1	89.3	93.3	93.8	94.3	94.8	95.0	95.2	95.4	95.5	95.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS 1393

USAF ETAC FORM JUL 61 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04762 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — LCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.6	53.3	55.6	56.6	57.8	57.9	58.4	58.6	58.6	58.8	58.8	58.8	58.9	58.9	59.0	59.4
≥ 20000	50.8	56.8	59.2	60.3	61.6	61.7	62.2	62.4	62.4	62.6	62.6	62.6	62.7	62.7	62.8	63.2
≥ 18000	50.8	57.0	59.4	60.5	61.8	61.9	62.4	62.7	62.7	62.8	62.8	62.8	62.9	62.9	63.0	63.4
≥ 16000	50.8	57.0	59.4	60.5	61.8	61.9	62.4	62.7	62.7	62.8	62.8	62.8	62.9	62.9	63.0	63.4
≥ 14000	51.2	57.6	60.1	61.1	62.4	62.6	63.0	63.3	63.3	63.4	63.4	63.4	63.5	63.5	63.7	64.1
≥ 12000	52.3	58.8	61.4	62.5	63.8	64.0	64.4	64.7	64.7	64.9	64.9	64.9	64.9	64.9	65.1	65.5
≥ 10000	52.9	60.8	63.2	64.6	65.9	66.2	66.6	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.2	67.7
≥ 9000	54.4	61.3	63.7	65.1	66.5	66.7	67.2	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.8	68.2
≥ 8000	56.8	63.9	66.5	67.9	69.3	69.5	70.0	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.6	71.0
≥ 7000	58.7	66.1	68.9	70.3	72.1	72.3	72.8	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.5	73.9
≥ 6000	60.9	69.0	72.0	73.7	75.3	75.6	76.0	76.3	76.3	76.5	76.5	76.5	76.6	76.6	76.7	77.2
≥ 5000	62.6	71.3	74.8	76.3	78.1	78.3	78.7	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.4	79.9
≥ 4500	62.7	71.8	75.0	76.8	78.6	78.9	79.3	79.6	79.6	79.8	79.8	79.8	79.9	79.9	80.0	80.5
≥ 4000	63.4	72.7	76.2	78.0	79.8	80.0	80.4	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.1	81.6
≥ 3500	64.2	73.8	77.1	79.4	81.2	81.4	81.9	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.6	83.1
≥ 3000	64.6	74.8	77.8	80.2	82.2	82.4	82.8	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.5	84.0
≥ 2500	65.7	76.1	79.9	82.2	84.2	84.4	84.8	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.5	86.0
≥ 2000	66.3	77.3	81.3	83.7	85.7	85.9	86.3	86.7	86.7	86.8	86.8	86.8	86.9	86.9	87.0	87.5
≥ 1800	66.9	77.6	81.7	84.2	86.1	86.3	86.7	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.5	88.0
≥ 1500	67.2	78.1	82.2	84.7	86.7	86.9	87.3	87.7	87.7	87.8	87.8	87.8	87.9	87.9	88.0	88.5
≥ 1200	67.2	78.1	82.4	84.9	87.0	87.2	87.6	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.5	89.0
≥ 1000	67.2	78.7	83.4	85.9	88.1	88.3	88.8	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.7	90.2
≥ 900	67.2	78.9	83.7	86.2	88.5	88.7	89.2	89.7	89.7	89.8	89.8	89.8	89.9	89.9	90.0	90.5
≥ 800	67.2	79.4	84.2	86.8	89.2	89.4	89.9	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.8	91.3
≥ 700	67.2	79.4	84.2	86.9	89.2	89.4	90.0	90.6	91.0	91.2	91.2	91.2	91.3	91.3	91.4	91.9
≥ 600	67.2	79.8	84.6	87.2	89.6	89.8	90.3	91.0	91.3	91.5	91.6	91.6	91.8	91.8	92.0	92.5
≥ 500	67.4	79.8	84.6	87.2	89.6	89.8	90.3	91.0	91.3	91.5	91.6	91.6	91.8	91.8	92.0	92.5
≥ 400	67.4	79.8	84.8	87.4	91.4	91.9	92.5	93.0	93.6	93.2	93.2	93.2	93.3	93.3	93.4	93.9
≥ 300	67.6	79.8	84.8	87.4	91.9	92.4	93.0	93.7	94.3	93.9	93.9	93.9	94.0	94.0	94.1	94.6
≥ 200	67.6	79.8	84.9	87.5	92.0	92.5	93.2	94.1	94.9	95.1	95.1	95.1	95.2	95.2	95.4	95.9
≥ 100	67.6	79.8	84.9	87.5	92.0	92.5	93.2	94.1	94.9	95.1	95.1	95.1	95.2	95.2	95.4	95.9
0	67.6	79.8	84.9	87.5	92.0	92.5	93.2	94.1	94.9	95.1	95.1	95.1	95.2	95.2	95.4	95.9

TOTAL NUMBER OF OBSERVATIONS 1393

USAF ETAC FORM AUG 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04742~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS ~~NOV~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~0000-0200~~ HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.7	42.8	43.9	44.4	45.6	45.7	46.0	46.2	46.2	46.3	46.4	46.4	46.5	46.5	46.6	47.0
≥ 20000	42.9	45.5	46.5	47.1	48.4	48.8	48.8	49.0	49.0	49.1	49.2	49.3	49.3	49.3	49.4	49.9
≥ 18000	43.1	45.7	46.7	47.3	48.7	48.7	49.0	49.3	49.3	49.3	49.4	49.5	49.6	49.6	49.6	50.1
≥ 16000	43.4	46.1	47.1	47.7	49.0	49.1	49.4	49.6	49.6	49.7	49.8	49.9	49.9	49.9	50.0	50.4
≥ 14000	43.9	46.7	47.7	48.3	49.6	49.7	50.0	50.2	50.2	50.3	50.4	50.4	50.5	50.5	50.6	51.0
≥ 12000	44.8	47.9	49.0	49.6	51.0	51.1	51.4	51.6	51.6	51.7	51.8	51.9	51.9	51.9	52.0	52.4
≥ 10000	45.7	49.0	50.4	51.0	52.4	52.5	52.8	53.0	53.0	53.1	53.2	53.3	53.3	53.3	53.4	53.9
≥ 9000	46.5	48.9	51.4	52.0	53.3	53.5	53.8	54.0	54.0	54.1	54.1	54.2	54.3	54.3	54.4	54.8
≥ 8000	48.6	52.7	54.3	55.0	56.5	56.7	57.0	57.3	57.3	57.3	57.4	57.5	57.6	57.6	57.6	58.1
≥ 7000	50.8	55.5	57.1	57.9	59.9	60.1	60.4	60.7	60.8	60.9	61.0	61.1	61.2	61.2	61.3	61.7
≥ 6000	51.6	56.4	58.1	58.9	61.0	61.3	61.6	61.9	62.0	62.1	62.2	62.3	62.4	62.4	62.4	62.9
≥ 5000	53.1	58.8	60.3	61.1	63.3	63.7	64.0	64.4	64.5	64.5	64.6	64.7	64.8	64.8	64.9	65.4
≥ 4500	54.7	60.2	62.4	63.3	65.5	65.9	66.1	66.6	66.7	67.0	67.1	67.2	67.3	67.3	67.3	67.8
≥ 4000	55.5	61.3	63.6	64.4	66.7	67.0	67.3	67.8	67.9	68.1	68.3	68.4	68.4	68.4	68.5	69.0
≥ 3500	56.1	62.5	64.1	66.1	68.3	68.7	69.0	69.4	69.5	69.8	69.9	70.0	70.1	70.1	70.1	70.6
≥ 3000	57.9	64.2	67.9	68.8	71.2	71.7	72.0	72.4	72.5	72.8	73.0	73.0	73.1	73.1	73.2	73.6
≥ 2500	59.5	67.6	70.4	71.9	74.4	74.8	75.1	75.6	75.6	75.9	76.1	76.1	76.2	76.2	76.3	76.7
≥ 2000	60.5	69.7	73.0	74.5	77.3	77.7	78.1	78.6	78.7	79.0	79.1	79.2	79.3	79.3	79.3	79.8
≥ 1800	60.7	70.1	73.5	75.0	77.9	78.2	78.6	79.1	79.2	79.5	79.6	79.7	79.8	79.8	79.9	80.3
≥ 1500	61.1	71.0	74.4	76.1	79.0	79.3	79.8	80.4	80.4	80.7	80.9	81.0	81.0	81.0	81.1	81.6
≥ 1200	61.3	71.9	75.8	77.6	80.6	81.0	81.3	82.1	82.1	82.4	82.6	82.7	82.7	82.7	82.8	83.3
≥ 1000	61.9	72.6	76.6	78.3	82.0	82.4	83.0	83.8	83.8	84.0	84.1	84.2	84.3	84.3	84.4	84.8
≥ 900	62.1	73.0	77.3	79.6	83.0	83.4	84.0	84.9	84.9	85.1	85.3	85.3	85.4	85.4	85.5	85.9
≥ 800	62.2	73.5	78.0	80.4	83.8	84.2	84.8	85.6	85.6	85.8	86.1	86.1	86.2	86.2	86.3	86.7
≥ 700	62.2	73.5	78.1	80.6	84.1	84.5	85.2	85.9	85.9	86.2	86.4	86.5	86.6	86.6	86.7	87.1
≥ 600	62.2	73.6	78.3	81.0	84.7	85.2	86.1	86.7	86.8	87.2	87.4	87.5	87.6	87.6	87.6	88.1
≥ 500	62.3	73.8	78.6	81.8	86.4	87.3	88.3	88.7	88.9	89.3	89.7	89.8	89.9	89.9	90.0	90.4
≥ 400	62.4	74.0	78.9	82.6	87.8	88.7	89.9	90.1	90.3	91.2	91.5	91.6	91.8	91.8	91.9	92.4
≥ 300	62.4	74.0	78.9	82.8	88.3	89.9	91.3	92.2	92.4	93.3	93.7	93.9	94.2	94.2	94.4	94.8
≥ 200	62.4	74.0	78.9	82.9	88.6	90.3	91.7	93.0	93.3	94.3	94.8	95.1	95.4	95.4	95.5	95.9
≥ 100	62.4	74.0	78.9	82.9	88.6	90.3	91.7	93.2	93.5	94.7	95.4	95.9	96.6	97.0	98.0	99.3
0	62.4	74.0	78.9	82.9	88.6	90.3	91.7	93.2	93.5	94.7	95.4	95.9	96.6	97.0	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS ~~1380~~

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~94743~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~56-70~~ YEARS ~~DY~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0100-0500~~ HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.3	45.1	46.4	46.9	47.5	47.9	48.0	48.2	48.2	48.3	48.4	48.4	48.6	48.7	49.0	49.4
≥ 20000	~~42.9~~	~~46.9~~	~~48.3~~	~~48.7~~	~~49.4~~	~~49.8~~	~~49.9~~	~~50.1~~	~~50.1~~	~~50.3~~	~~50.4~~	~~50.4~~	~~50.6~~	~~50.7~~	~~51.0~~	~~51.4~~
≥ 18000	43.0	47.0	48.4	48.8	49.5	49.9	50.0	50.2	50.2	50.4	50.4	50.4	50.7	50.7	51.0	51.5
≥ 16000	~~43.0~~	~~47.0~~	~~48.4~~	~~48.9~~	~~49.6~~	~~49.9~~	~~50.1~~	~~50.3~~	~~50.3~~	~~50.4~~	~~50.5~~	~~50.5~~	~~50.7~~	~~50.8~~	~~51.1~~	~~51.6~~
≥ 14000	43.3	47.6	49.1	49.6	50.2	50.6	50.7	51.0	51.0	51.1	51.2	51.2	51.4	51.5	51.8	52.2
≥ 12000	~~44.0~~	~~48.2~~	~~49.9~~	~~50.3~~	~~51.0~~	~~51.5~~	~~51.7~~	~~51.9~~	~~51.8~~	~~52.1~~	~~52.1~~	~~52.1~~	~~52.4~~	~~52.4~~	~~52.7~~	~~53.2~~
≥ 10000	45.3	49.7	51.4	51.9	52.6	53.1	53.3	53.6	53.6	53.8	53.9	53.9	54.1	54.1	54.4	54.9
≥ 9000	~~46.0~~	~~50.7~~	~~[illegible]~~	~~52.9~~	~~53.6~~	~~54.1~~	~~54.4~~	~~54.6~~	~~54.6~~	~~54.8~~	~~54.9~~	~~54.9~~	~~55.1~~	~~55.2~~	~~55.5~~	~~55.8~~
≥ 8000	47.3	52.7	54.4	55.0	55.8	56.3	56.5	56.7	56.7	57.0	57.0	57.0	57.3	57.3	57.6	58.1
≥ 7000	~~48.9~~	~~54.7~~	~~56.5~~	~~57.0~~	~~58.0~~	~~58.5~~	~~58.8~~	~~59.0~~	~~59.0~~	~~59.2~~	~~59.5~~	~~59.5~~	~~59.7~~	~~59.8~~	~~60.1~~	~~60.5~~
≥ 6000	50.4	56.7	58.4	59.0	59.9	60.4	60.7	61.0	61.0	61.3	61.3	61.5	61.7	61.8	62.1	62.5
≥ 5000	~~52.0~~	~~58.7~~	~~60.6~~	~~61.3~~	~~62.3~~	~~62.8~~	~~63.2~~	~~63.5~~	~~63.6~~	~~63.9~~	~~64.1~~	~~64.1~~	~~64.4~~	~~64.4~~	~~64.7~~	~~65.2~~
≥ 4500	53.1	60.0	61.9	62.6	63.7	64.2	64.6	64.9	65.0	65.3	65.5	65.5	65.8	65.9	66.1	66.6
≥ 4000	~~54.0~~	~~61.3~~	~~63.1~~	~~64.0~~	~~65.1~~	~~65.6~~	~~66.0~~	~~66.3~~	~~66.4~~	~~66.7~~	~~66.9~~	~~66.9~~	~~67.2~~	~~67.3~~	~~67.6~~	~~68.0~~
≥ 3500	55.0	62.6	64.4	65.4	66.7	67.2	67.6	67.9	67.9	68.3	68.4	68.4	68.7	68.8	69.1	69.6
≥ 3000	~~57.2~~	~~65.4~~	~~67.5~~	~~68.7~~	~~70.0~~	~~70.5~~	~~70.9~~	~~71.2~~	~~71.3~~	~~71.6~~	~~71.8~~	~~71.8~~	~~72.1~~	~~72.1~~	~~72.4~~	~~72.9~~
≥ 2500	58.9	68.1	70.2	71.8	73.1	73.6	74.0	74.3	74.4	74.7	74.9	74.9	75.2	75.3	75.6	76.0
≥ 2000	~~60.3~~	~~70.4~~	~~72.3~~	~~74.4~~	~~76.1~~	~~76.6~~	~~77.0~~	~~77.3~~	~~77.3~~	~~77.7~~	~~77.8~~	~~77.8~~	~~78.3~~	~~78.3~~	~~78.6~~	~~79.0~~
≥ 1800	60.7	70.9	73.0	74.9	76.6	77.1	77.5	77.8	77.9	78.2	78.4	78.4	78.7	78.8	79.1	79.6
≥ 1500	~~61.8~~	~~72.6~~	~~74.7~~	~~76.8~~	~~78.6~~	~~79.1~~	~~79.3~~	~~79.8~~	~~79.9~~	~~80.2~~	~~80.4~~	~~80.4~~	~~80.8~~	~~80.9~~	~~81.2~~	~~81.6~~
≥ 1200	62.4	73.7	76.2	78.4	80.2	80.7	81.1	81.4	81.5	81.9	82.1	82.1	82.4	82.5	82.8	83.3
≥ 1000	~~62.8~~	~~74.0~~	~~76.8~~	~~79.0~~	~~81.2~~	~~81.7~~	~~82.1~~	~~82.4~~	~~82.4~~	~~82.8~~	~~83.2~~	~~83.2~~	~~83.6~~	~~83.6~~	~~83.9~~	~~84.4~~
≥ 900	62.8	74.4	77.3	79.6	82.1	82.6	83.0	83.3	83.3	83.7	84.1	84.1	84.4	84.5	84.8	85.3
≥ 800	~~63.0~~	~~75.0~~	~~78.4~~	~~80.8~~	~~83.6~~	~~84.2~~	~~84.6~~	~~85.0~~	~~85.0~~	~~85.4~~	~~85.8~~	~~85.8~~	~~86.1~~	~~86.2~~	~~86.5~~	~~87.0~~
≥ 700	63.0	75.1	78.5	81.0	84.0	84.7	85.1	85.6	85.6	86.0	86.4	86.4	86.8	86.9	87.2	87.6
≥ 600	~~63.1~~	~~75.2~~	~~78.7~~	~~81.4~~	~~84.8~~	~~85.5~~	~~86.0~~	~~86.4~~	~~86.5~~	~~87.0~~	~~87.4~~	~~87.4~~	~~87.8~~	~~87.9~~	~~88.1~~	~~88.4~~
≥ 500	63.1	75.2	78.7	82.1	86.2	86.9	87.3	87.9	88.0	88.4	88.9	88.9	89.3	89.4	89.8	90.2
≥ 400	~~63.2~~	~~75.3~~	~~79.0~~	~~83.0~~	~~87.5~~	~~88.4~~	~~89.2~~	~~89.7~~	~~89.8~~	~~90.2~~	~~90.7~~	~~90.7~~	~~91.0~~	~~91.2~~	~~91.6~~	~~92.0~~
≥ 300	63.2	75.3	79.2	83.3	88.0	90.1	91.3	92.1	92.3	93.0	93.8	93.8	94.3	94.3	94.9	95.3
≥ 200	~~63.2~~	~~75.3~~	~~79.2~~	~~83.3~~	~~88.7~~	~~90.2~~	~~91.7~~	~~93.0~~	~~93.2~~	~~93.9~~	~~95.1~~	~~95.1~~	~~95.7~~	~~96.1~~	~~96.6~~	~~97.0~~
≥ 100	63.2	75.3	79.2	83.3	88.7	90.2	91.8	93.2	93.4	94.3	96.1	96.1	96.9	97.7	98.9	99.6
≥ 0	~~63.2~~	~~75.3~~	~~79.2~~	~~83.3~~	~~88.7~~	~~90.2~~	~~91.8~~	~~93.2~~	~~93.4~~	~~94.3~~	~~96.1~~	~~96.1~~	~~96.9~~	~~97.7~~	~~98.9~~	100.0

TOTAL NUMBER OF OBSERVATIONS 1350

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04742~~ STATION ~~PLATTSMOUTH~~ STATION NAME 36-70 YEARS ~~JAN~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~0600-0800~~ LOCAL (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.1	40.6	41.5	41.6	42.6	42.7	42.9	43.1	43.2	43.2	43.3	43.3	43.3	43.3	43.4	43.4
≥ 20000	40.4	43.8	44.7	44.9	46.0	46.1	46.3	46.5	46.6	46.6	46.7	46.7	46.7	46.7	46.8	46.9
≥ 18000	40.6	43.9	44.9	45.0	46.1	46.3	46.4	46.7	46.7	46.7	46.8	46.8	46.8	46.9	47.0	47.0
≥ 16000	40.9	44.3	45.3	45.4	46.5	46.7	46.8	47.0	47.1	47.1	47.2	47.2	47.2	47.3	47.3	47.4
≥ 14000	41.8	45.5	46.5	46.7	47.9	48.1	48.2	48.4	48.5	48.5	48.6	48.6	48.6	48.7	48.7	48.8
≥ 12000	42.7	47.0	48.1	48.2	49.6	49.7	49.9	50.1	50.1	50.1	50.2	50.2	50.2	50.3	50.4	50.4
≥ 10000	44.4	49.2	50.3	50.5	52.0	52.1	52.4	52.7	52.8	52.8	53.0	53.0	53.0	53.0	53.1	53.2
≥ 9000	45.2	50.1	51.2	51.5	53.1	53.3	53.5	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.2	54.3
≥ 8000	46.3	51.9	53.4	54.1	56.0	56.3	56.5	56.9	57.0	57.0	57.3	57.3	57.3	57.4	57.5	57.6
≥ 7000	47.3	53.0	54.5	55.2	57.1	57.4	57.6	58.1	58.3	58.4	58.7	58.7	58.8	58.9	59.0	59.1
≥ 6000	48.4	54.2	55.8	56.6	58.7	59.0	59.2	59.7	59.9	60.1	60.4	60.4	60.5	60.6	60.7	60.8
≥ 5000	49.9	55.9	57.5	58.4	60.5	60.8	61.1	61.6	61.8	62.1	62.4	62.4	62.4	62.5	62.6	62.7
≥ 4500	51.8	58.2	59.9	60.9	63.0	63.3	63.6	64.1	64.4	64.6	64.9	64.9	65.0	65.0	65.1	65.3
≥ 4000	53.0	59.6	61.3	62.4	64.7	65.0	65.3	65.8	66.0	66.2	66.5	66.5	66.6	66.7	66.7	66.9
≥ 3500	54.2	61.2	62.9	64.1	66.3	66.6	66.9	67.4	67.6	67.9	68.1	68.1	68.2	68.3	68.4	68.5
≥ 3000	57.3	64.1	65.9	67.0	69.4	69.7	70.0	70.5	70.7	71.0	71.2	71.2	71.3	71.4	71.4	71.6
≥ 2500	59.0	67.3	69.1	70.4	72.8	73.1	73.4	74.0	74.3	74.5	74.8	74.8	74.9	75.0	75.0	75.2
≥ 2000	60.0	68.1	70.1	71.3	73.8	74.1	74.3	74.9	75.1	75.4	75.7	75.7	75.7	75.8	75.9	76.0
≥ 1800	60.7	70.3	72.6	74.3	76.8	77.2	77.6	78.1	78.3	78.7	79.0	79.0	79.1	79.2	79.3	79.4
≥ 1500	61.4	71.2	73.6	75.5	78.1	78.5	78.9	79.5	79.8	80.1	80.4	80.4	80.4	80.5	80.6	80.7
≥ 1200	61.8	71.9	74.6	76.7	79.6	80.0	80.4	81.0	81.3	81.6	81.9	81.9	81.9	82.0	82.1	82.2
≥ 1000	62.1	72.5	75.3	77.7	81.0	81.5	81.9	82.4	82.8	83.0	83.3	83.3	83.4	83.5	83.6	83.7
≥ 900	62.6	73.0	75.9	78.2	81.6	82.1	82.4	83.0	83.4	83.6	83.9	83.9	84.0	84.1	84.1	84.3
≥ 800	63.0	73.2	77.0	79.5	83.3	83.9	84.3	85.0	85.3	85.6	85.9	85.9	86.0	86.1	86.1	86.3
≥ 700	63.2	74.4	77.6	80.3	84.7	85.2	85.7	86.4	86.7	87.0	87.3	87.3	87.4	87.5	87.6	87.7
≥ 600	63.3	74.7	78.0	81.0	85.8	86.3	86.9	87.7	88.1	88.3	88.7	88.7	88.7	88.8	88.9	89.0
≥ 500	63.3	74.8	78.2	81.7	86.7	87.2	87.8	88.7	89.0	89.6	90.1	90.1	90.2	90.3	90.4	90.5
≥ 400	63.3	75.1	78.7	82.6	87.9	88.7	89.6	90.6	91.0	91.6	92.2	92.3	92.4	92.7	92.7	92.8
≥ 300	63.3	75.3	78.7	82.8	88.4	89.5	91.0	92.1	92.5	93.3	94.1	94.1	94.6	94.7	94.7	95.0
≥ 200	63.3	75.6	78.9	83.0	88.7	89.7	91.4	92.7	93.0	93.9	94.9	95.3	95.4	96.2	96.4	96.7	97.0
≥ 100	63.3	75.4	78.9	83.1	88.7	89.8	91.5	92.7	93.1	94.8	95.9	96.2	97.2	97.5	98.1	99.0
0	63.3	75.4	78.9	83.1	88.7	89.8	91.5	92.7	93.1	94.8	95.9	96.2	97.2	97.5	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1380

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04742~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS ~~NOV~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0900-1100~~ HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	37.3	39.3	39.7	40.1	40.4	40.5	40.9	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.8	40.9
	40.1	42.4	42.8	43.3	43.9	44.0	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5
≥ 18000 ≥ 16000	40.2	42.6	43.0	43.5	44.0	44.1	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.6	44.7
	40.4	42.8	43.3	43.7	44.2	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.8	44.9
≥ 14000 ≥ 12000	41.3	44.1	44.6	45.0	45.6	45.8	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2	46.3
	42.7	46.4	46.8	47.3	47.9	48.0	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.6
≥ 10000 ≥ 9000	45.0	49.1	49.8	50.6	51.4	51.6	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.3
	46.2	50.3	51.0	51.9	52.7	52.9	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.6	53.7
≥ 8000 ≥ 7000	47.9	52.7	53.6	54.5	55.5	55.6	56.0	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.4	56.4
	48.9	54.7	55.9	56.9	57.9	58.1	58.4	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.9	59.0
≥ 6000 ≥ 5000	50.7	55.9	57.3	58.2	59.3	59.5	59.9	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.4	60.4
	52.8	58.0	59.5	60.5	61.9	62.0	62.4	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.9	63.0
≥ 4500 ≥ 4000	54.4	59.6	61.0	62.1	63.4	63.6	64.0	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.5	64.6
	55.6	60.8	62.4	63.4	64.7	65.0	65.4	65.7	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.1
≥ 3500 ≥ 3000	56.7	62.1	63.7	65.1	66.4	66.7	67.1	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.7	67.8
	58.3	63.9	65.7	67.2	68.6	68.9	69.3	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.9	70.0
≥ 2500 ≥ 2000	61.6	68.2	70.0	71.6	73.4	73.6	74.1	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.7	74.7
	63.7	70.9	72.8	74.6	76.4	76.7	77.1	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.7	77.8
≥ 1800 ≥ 1500	64.1	71.4	73.3	75.3	77.1	77.3	77.8	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.4	78.4
	65.3	72.7	74.7	77.0	78.8	79.1	79.6	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.4	80.4
≥ 1200 ≥ 1000	66.6	74.3	76.4	79.0	81.0	81.3	82.0	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.7
	67.0	75.0	77.3	80.0	82.0	82.3	83.1	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.7	83.8
≥ 900 ≥ 800	67.6	75.5	77.9	80.7	82.8	83.1	84.0	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.6	84.7
	67.6	75.9	78.3	81.3	83.9	84.1	85.1	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.7	85.8
≥ 700 ≥ 600	68.1	76.4	79.2	82.4	84.9	85.2	86.4	86.7	86.7	86.9	86.9	86.9	86.9	86.9	87.0	87.0
	68.2	76.7	79.6	83.0	85.9	86.4	87.7	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.5
≥ 500 ≥ 400	68.4	77.2	80.4	84.1	87.2	88.1	89.9	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.5	90.6
	68.6	77.2	80.6	84.6	88.1	89.0	91.0	91.2	92.4	93.0	93.1	93.1	93.1	93.1	93.2	93.3
≥ 300 ≥ 200	68.4	77.3	80.7	84.7	88.3	90.1	92.9	93.9	94.2	95.3	95.7	95.8	95.8	95.8	96.1	96.3
	68.6	77.3	80.7	84.9	88.8	90.6	93.0	94.0	94.8	96.3	97.0	97.1	97.4	97.4	98.1	98.4
≥ 100 0	68.6	77.3	80.7	84.9	88.8	90.6	93.1	94.7	95.1	96.4	97.3	97.6	98.0	98.4	99.1	99.8
	68.6	77.3	80.7	84.9	88.8	90.6	93.1	94.7	95.1	96.4	97.3	97.6	98.0	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1380

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04763 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — ANN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1400 HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	36.7	38.2	38.8	39.2	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
	40.4	42.1	42.8	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 18000 ≥ 16000	41.0	42.9	43.6	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
	41.5	43.4	44.1	44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 14000 ≥ 12000	42.7	44.8	45.5	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
	44.1	46.4	47.0	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 10000 ≥ 9000	46.7	49.9	50.7	51.4	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
	47.6	51.0	51.9	52.5	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 8000 ≥ 7000	49.6	53.4	54.4	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
	50.8	54.7	55.8	56.7	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 6000 ≥ 5000	51.3	55.4	56.6	57.6	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
	53.7	57.9	59.0	60.0	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 4500 ≥ 4000	56.4	60.6	61.8	62.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
	58.2	62.9	64.1	66.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 3500 ≥ 3000	60.5	65.3	66.5	67.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
	63.6	68.0	70.3	71.3	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 2500 ≥ 2000	65.9	71.6	73.1	74.1	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
	67.6	73.8	75.6	76.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1800 ≥ 1500	68.2	74.5	76.4	77.7	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
	69.5	76.6	78.7	80.2	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1200 ≥ 1000	70.7	78.4	80.8	82.6	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
	71.8	80.1	82.7	84.8	86.7	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 900 ≥ 800	72.2	80.7	83.3	85.6	87.6	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
	72.4	81.1	84.0	86.4	88.4	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 700 ≥ 600	72.7	81.6	84.8	87.6	89.7	90.1	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
	72.7	81.8	85.0	87.9	90.1	90.6	91.1	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 500 ≥ 400	72.7	82.1	85.4	88.4	91.0	91.4	92.0	93.0	93.0	93.3	93.4	93.4	93.5	93.5	93.5	93.5
	72.7	82.2	85.6	88.9	91.1	92.0	92.6	94.2	94.1	95.1	95.3	96.0	96.1	96.1	96.1	96.1
≥ 300 ≥ 200	72.7	82.2	85.9	89.0	92.4	93.4	95.0	96.2	96.4	97.2	98.0	98.0	98.3	98.3	98.3	98.3
	72.7	82.2	86.0	89.0	92.5	93.5	95.1	96.4	96.7	97.4	98.2	98.2	98.6	98.6	98.6	98.6
≥ 100 ≥ 0	72.7	82.2	85.9	89.0	92.5	93.5	95.1	96.4	96.7	97.6	98.6	98.8	99.3	99.3	99.6	99.8
	72.7	82.2	86.0	89.0	92.5	93.5	95.1	96.4	96.7	97.6	98.6	98.8	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1350

USAF ETAC FORM 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04743~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~56-70~~ YEARS ~~NOV~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~1500-1700~~ HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.2	40.9	41.3	41.6	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 20000	44.2	46.2	47.0	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7
≥ 18000	44.5	46.5	47.3	47.6	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.0	48.0
≥ 16000	44.9	46.9	47.7	48.0	48.4	48.3	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4
≥ 14000	46.4	48.4	49.2	49.5	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0
≥ 12000	48.1	50.1	51.0	51.3	51.6	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.9	51.9
≥ 10000	50.0	52.8	54.3	54.7	54.9	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.2	55.2
≥ 9000	51.0	53.9	55.4	55.8	56.0	56.1	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.4	56.4
≥ 8000	52.4	56.1	57.6	58.0	58.2	58.4	58.5	58.5	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7
≥ 7000	54.1	57.9	59.6	60.1	60.5	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.1	61.1
≥ 6000	55.3	59.3	61.1	61.6	62.0	62.3	62.4	62.4	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7
≥ 5000	57.3	61.9	63.6	64.1	64.5	64.8	65.0	65.0	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3
≥ 4500	59.6	64.2	66.1	66.8	67.2	67.5	67.6	67.8	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1
≥ 4000	61.9	66.7	68.7	69.5	69.9	70.1	70.3	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.8	70.8
≥ 3500	63.2	68.3	70.4	71.4	71.9	72.1	72.3	72.4	72.5	72.7	72.7	72.7	72.7	72.7	72.8	72.8
≥ 3000	64.8	70.6	72.9	74.0	74.6	74.9	75.0	75.2	75.3	75.4	75.5	75.5	75.5	75.5	75.6	75.6
≥ 2500	67.0	73.1	75.6	76.7	77.6	77.9	78.1	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.6	78.6
≥ 2000	69.3	76.1	78.7	80.0	80.8	81.2	81.5	81.6	81.7	81.9	81.9	81.9	82.0	82.0	82.1	82.1
≥ 1800	69.8	76.6	79.4	80.7	81.6	81.9	82.2	82.4	82.6	82.7	82.8	82.8	83.0	83.0	83.0	83.0
≥ 1500	70.8	78.1	81.0	82.4	83.4	83.8	84.1	84.4	84.5	84.7	84.7	84.7	85.0	85.0	85.0	85.0
≥ 1200	71.2	78.9	81.9	83.6	84.7	85.0	85.2	85.9	86.1	86.2	86.3	86.3	86.5	86.5	86.6	86.6
≥ 1000	71.6	79.4	82.6	84.4	85.5	85.9	86.2	86.9	87.0	87.2	87.3	87.3	87.5	87.5	87.6	87.6
≥ 900	71.6	79.5	82.8	84.8	86.1	86.6	87.0	87.6	87.7	87.9	87.9	87.9	88.1	88.1	88.2	88.2
≥ 800	71.9	79.9	83.4	85.3	86.9	87.5	88.0	88.7	88.8	88.9	89.0	89.0	89.2	89.2	89.3	89.3
≥ 700	72.0	80.2	84.1	86.4	88.1	88.7	89.7	90.0	90.1	90.4	90.4	90.4	90.7	90.7	90.7	90.7
≥ 600	72.2	80.4	84.3	86.8	88.8	89.4	90.6	91.0	91.1	91.5	91.6	91.6	91.8	91.8	91.9	91.9
≥ 500	72.3	80.8	84.9	87.3	89.6	90.2	91.9	92.2	92.6	93.0	93.1	93.1	93.3	93.3	93.4	93.4
≥ 400	72.3	80.9	85.0	87.5	90.1	90.8	92.4	92.9	93.2	93.6	93.8	93.8	94.0	94.0	94.2	94.2
≥ 300	72.3	80.9	85.0	87.9	90.7	91.6	93.0	93.2	93.9	94.9	97.3	97.3	97.7	97.7	97.8	97.8
≥ 200	72.3	80.9	85.0	87.9	90.8	91.6	93.1	93.3	94.1	95.2	98.0	98.1	98.4	98.7	98.8	98.9
≥ 100	72.3	80.9	85.0	87.9	90.8	91.6	93.1	93.3	94.1	95.2	98.1	98.3	98.9	99.2	99.3	99.7
0	72.3	80.9	85.0	87.9	90.8	91.6	93.1	93.3	94.1	95.2	98.1	98.3	98.9	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS ~~1398~~

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04762 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.1	48.9	49.3	49.6	49.6	49.7	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 20000	48.7	51.6	52.0	52.4	52.4	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 18000	49.0	51.9	52.3	52.7	52.7	52.8	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 16000	49.6	52.5	52.9	53.3	53.3	53.4	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 14000	50.3	53.6	53.9	54.3	54.4	54.4	54.5	54.5	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7
≥ 12000	51.7	55.0	55.4	55.9	56.0	56.1	56.1	56.1	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3
≥ 10000	54.1	58.1	59.1	59.6	59.7	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0
≥ 9000	54.2	58.2	59.2	59.7	59.8	59.9	60.0	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1
≥ 8000	54.7	59.0	60.1	60.9	61.0	61.0	61.1	61.1	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3
≥ 7000	56.8	61.7	62.2	64.1	64.4	64.5	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8
≥ 6000	58.1	63.0	64.4	65.3	65.6	65.8	66.0	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.3	66.3
≥ 5000	58.9	64.2	65.7	66.7	67.2	67.4	67.6	67.7	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9
≥ 4500	60.0	65.8	67.3	68.4	69.0	69.3	69.5	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.8	69.8
≥ 4000	61.8	67.5	69.1	70.2	70.8	71.1	71.3	71.4	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6
≥ 3500	62.2	68.7	70.7	71.9	72.7	72.9	73.1	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.5	73.5
≥ 3000	63.4	70.7	72.7	74.1	74.9	75.3	75.5	75.7	75.7	75.8	75.8	75.9	75.9	75.9	76.0	76.0
≥ 2500	65.0	72.4	74.6	76.4	77.3	77.7	78.0	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.5	78.5
≥ 2000	66.6	74.5	77.1	79.2	80.3	80.7	81.0	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3
≥ 1800	66.8	74.9	77.6	79.9	81.0	81.4	81.7	82.3	82.3	82.7	82.7	82.7	82.7	82.7	82.8	82.8
≥ 1500	67.8	76.8	79.8	81.8	83.3	83.7	84.0	84.4	84.4	85.0	85.0	85.0	85.0	85.0	85.1	85.1
≥ 1200	68.1	77.2	80.3	82.8	84.4	84.8	85.3	85.7	85.7	86.1	86.1	86.1	86.1	86.2	86.2	86.2
≥ 1000	68.3	78.0	81.1	83.9	85.8	86.3	86.8	86.8	86.8	87.2	87.2	87.3	87.3	87.3	87.3	87.3
≥ 900	68.3	78.1	81.3	84.2	85.9	86.4	87.0	87.3	87.3	87.6	87.6	87.7	87.7	87.7	87.8	87.8
≥ 800	68.6	78.5	82.0	85.0	86.9	87.4	88.0	88.2	88.2	88.6	88.6	88.7	88.7	88.7	88.8	88.8
≥ 700	68.8	79.1	82.4	85.5	87.6	88.1	88.8	89.0	89.0	89.6	89.6	90.0	90.1	90.1	90.1	90.1
≥ 600	69.1	79.8	83.2	86.1	88.2	88.9	89.6	89.8	89.8	90.4	90.4	90.8	90.9	90.9	90.9	90.9
≥ 500	69.1	79.5	83.0	86.0	87.9	88.6	89.3	89.5	89.5	90.1	90.1	90.5	90.6	90.6	90.6	90.6
≥ 400	69.1	79.8	83.2	86.2	88.1	88.8	89.5	89.7	89.7	90.3	90.3	90.7	90.8	90.8	90.8	90.8
≥ 300	69.1	79.5	83.0	86.0	88.0	88.7	89.4	89.6	89.6	90.2	90.2	90.6	90.7	90.7	90.7	90.7
≥ 200	69.1	79.8	83.2	86.2	88.1	88.8	89.5	89.7	89.7	90.3	90.3	90.7	90.8	90.8	90.8	90.8
≥ 100	69.1	79.5	83.0	86.0	88.0	88.7	89.4	89.6	89.6	90.2	90.2	90.6	90.7	90.7	90.7	90.7
0	69.1	79.8	83.2	86.2	88.1	88.8	89.5	89.7	89.7	90.3	90.3	90.7	90.8	90.8	90.8	90.8

TOTAL NUMBER OF OBSERVATIONS 1380

USAF ETAC FORM NO. 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04742~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~58-70~~ YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~2100-2300~~ LOCAL (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.2	46.7	47.5	47.9	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.6	48.7	48.9	49.4
≥ 20000	46.0	48.7	49.6	50.0	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.9	51.0	51.2	51.7
≥ 18000	46.3	49.0	49.9	50.3	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.2	51.3	51.5	52.0
≥ 16000	46.6	49.3	50.2	50.7	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.6	51.8	51.9	52.4
≥ 14000	46.9	49.6	50.6	51.1	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.1	52.3	52.8
≥ 12000	47.3	50.5	51.6	52.1	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	53.0	53.1	53.3	53.8
≥ 10000	49.3	52.5	53.9	54.7	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.7	55.9	56.4
≥ 9000	50.1	53.5	54.9	55.6	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.6	56.7	56.9	57.4
≥ 8000	52.2	55.9	57.5	58.4	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.8	59.9	60.4
≥ 7000	53.0	56.8	58.4	59.4	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.8	60.9	61.4
≥ 6000	55.1	59.0	60.7	61.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.2	63.3	63.5	64.0
≥ 5000	56.0	60.0	61.8	62.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.3	64.4	64.6	65.1
≥ 4500	58.3	62.5	64.3	65.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.9	67.0	67.2	67.8
≥ 4000	58.4	62.6	64.4	65.6	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	67.0	67.1	67.3	67.9
≥ 3500	60.7	65.0	66.9	68.2	69.3	69.3	69.5	69.5	69.6	69.6	69.6	69.6	69.8	69.9	70.1	70.7
≥ 3000	61.0	65.4	67.3	68.6	69.7	69.7	69.9	69.9	70.0	70.0	70.0	70.0	70.2	70.3	70.5	71.1
≥ 2500	63.3	67.8	69.8	71.2	72.4	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.9	73.0	73.2	73.8
≥ 2000	63.6	68.1	70.1	71.5	72.7	72.7	72.9	72.9	73.0	73.0	73.0	73.0	73.2	73.3	73.5	74.1
≥ 1800	64.7	69.3	71.3	72.7	73.9	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.4	74.5	74.7	75.3
≥ 1500	65.0	69.6	71.6	73.0	74.2	74.2	74.4	74.4	74.5	74.5	74.5	74.5	74.7	74.8	75.0	75.6
≥ 1200	65.7	70.4	72.4	73.8	75.0	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.5	75.6	75.8	76.4
≥ 1000	65.9	70.6	72.6	74.0	75.2	75.2	75.4	75.4	75.5	75.5	75.5	75.5	75.7	75.8	76.0	76.6
≥ 900	66.0	70.7	72.7	74.1	75.3	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.8	75.9	76.1	76.7
≥ 800	66.0	70.7	72.8	74.2	75.4	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.9	76.0	76.2	76.8
≥ 700	66.4	70.8	72.9	74.3	75.5	75.5	75.7	75.7	75.8	75.8	75.8	75.8	76.0	76.1	76.3	76.9
≥ 600	66.4	70.9	73.0	74.4	75.6	75.6	75.8	75.8	75.9	75.9	75.9	75.9	76.1	76.2	76.4	77.0
≥ 500	66.4	70.9	73.0	74.4	75.6	75.6	75.8	75.8	75.9	75.9	75.9	75.9	76.1	76.2	76.4	77.0
≥ 400	66.4	70.9	73.0	74.4	75.6	75.6	75.8	75.8	75.9	75.9	75.9	75.9	76.1	76.2	76.4	77.0
≥ 300	66.4	70.9	73.0	74.4	75.6	75.6	75.8	75.8	75.9	75.9	75.9	75.9	76.1	76.2	76.4	77.0
≥ 200	66.4	70.9	73.0	74.4	75.6	75.6	75.8	75.8	75.9	75.9	75.9	75.9	76.1	76.2	76.4	77.0
≥ 100	66.4	70.9	73.0	74.4	75.6	75.6	75.8	75.8	75.9	75.9	75.9	75.9	76.1	76.2	76.4	77.0
0	66.4	70.9	73.0	74.4	75.6	75.6	75.8	75.8	75.9	75.9	75.9	75.9	76.1	76.2	76.4	77.0

TOTAL NUMBER OF OBSERVATIONS 1350

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04742~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~56-70~~ YEARS ~~JAN~~ MONTH ~~0000-2300~~

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.7	48.2	49.4	49.6	50.3	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.8	50.8	51.3
≥ 20000	47.3	49.8	51.1	51.3	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.5	52.5	53.0
≥ 18000	47.4	50.0	51.2	51.4	52.1	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	53.1
≥ 16000	47.7	50.3	51.5	51.7	52.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8	53.4
≥ 14000	48.3	51.0	52.3	52.5	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6	54.2
≥ 12000	49.6	52.3	53.5	53.8	54.5	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9	55.5
≥ 10000	50.8	53.7	55.1	55.3	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	57.1
≥ 9000	51.2	54.1	55.6	55.8	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	57.5
≥ 8000	53.0	56.1	57.6	57.8	58.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.1	59.1	59.6
≥ 7000	54.8	58.4	59.9	60.1	60.9	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.4	61.4	61.9
≥ 6000	57.0	60.6	62.4	62.6	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.9	63.9	64.5
≥ 5000	58.7	62.8	64.8	65.2	65.9	66.2	66.2	66.3	66.3	66.4	66.4	66.4	66.5	66.6	66.6	67.3
≥ 4500	60.1	64.9	66.9	67.4	68.3	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.8	69.0	69.0	69.5
≥ 4000	60.4	65.4	67.4	68.1	69.0	69.2	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.7	69.7	70.3
≥ 3500	61.9	67.5	69.5	70.3	71.2	71.4	71.5	71.6	71.6	71.7	71.7	71.7	71.8	71.9	71.9	72.5
≥ 3000	63.4	70.0	72.0	73.0	74.1	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.8	74.8	75.4
≥ 2500	64.4	71.4	73.8	74.9	76.2	76.4	76.5	76.9	76.9	77.0	77.0	77.0	77.1	77.2	77.2	77.8
≥ 2000	65.5	73.0	75.5	77.1	78.5	78.9	79.0	79.2	79.2	79.3	79.3	79.3	79.3	80.0	80.0	80.6
≥ 1800	65.8	73.5	75.9	77.6	79.4	79.7	80.2	80.4	80.4	80.4	80.4	80.4	80.5	80.6	80.6	81.2
≥ 1500	66.2	74.1	76.7	78.7	81.1	81.5	82.2	82.4	82.4	82.5	82.5	82.5	82.6	82.7	82.7	83.3
≥ 1200	66.8	74.8	77.4	79.9	82.5	83.0	83.9	84.2	84.2	84.2	84.2	84.2	84.3	84.4	84.4	85.0
≥ 1000	66.9	75.1	78.2	80.8	83.7	84.4	85.5	85.9	85.9	86.1	86.1	86.1	86.2	86.4	86.4	87.0
≥ 900	66.6	75.3	78.6	81.4	84.2	85.0	86.2	86.8	86.9	87.1	87.1	87.1	87.2	87.4	87.4	88.1
≥ 800	66.9	75.8	79.1	81.7	84.8	85.7	87.0	87.6	87.6	87.9	88.0	88.0	88.1	88.2	88.2	89.0
≥ 700	66.7	75.8	79.2	82.3	85.4	86.3	87.8	88.5	88.6	89.1	89.2	89.2	89.3	89.3	89.3	90.2
≥ 600	66.9	76.1	79.5	82.8	86.2	87.2	88.7	89.4	89.6	90.1	90.2	90.3	90.3	90.4	90.4	91.4
≥ 500	66.9	76.3	80.2	83.4	87.0	88.2	89.9	90.8	91.0	92.0	92.1	92.3	92.6	92.8	92.8	93.9
≥ 400	66.9	76.3	80.2	83.7	87.2	88.4	90.1	91.0	91.2	92.2	92.3	92.5	92.8	93.0	93.1	94.2
≥ 300	66.9	76.3	80.3	84.1	88.2	89.8	91.9	92.8	93.2	94.6	95.1	95.3	96.1	96.6	96.6	97.6
≥ 200	66.9	76.3	80.3	84.1	88.3	89.8	92.0	93.1	93.4	94.9	95.4	95.7	96.4	97.1	97.1	98.4
≥ 100	66.9	76.3	80.3	84.1	88.3	89.9	92.1	93.2	93.6	95.3	95.8	96.1	96.8	97.6	97.8	99.4
0	66.9	76.3	80.3	84.1	88.3	89.9	92.1	93.2	93.6	95.3	95.8	96.1	96.8	97.6	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS ~~1395~~

USAF ETAC FORM JUL 81 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04763~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS ~~DEC~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0300-0900~~ HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.0	50.3	51.2	51.4	52.0	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.6
≥ 20000	48.0	52.5	53.5	53.8	54.3	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	55.0
≥ 18000	49.0	52.5	53.5	53.8	54.3	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	55.0
≥ 16000	48.2	52.6	53.7	53.9	54.5	54.8	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.1	55.1
≥ 14000	49.8	53.5	54.6	54.8	55.2	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	56.0
≥ 12000	50.7	54.3	55.4	55.6	56.2	56.6	56.8	56.8	56.8	56.7	56.7	56.7	56.7	56.7	56.8	56.8
≥ 10000	51.6	55.6	56.8	57.1	57.6	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.3
≥ 9000	52.2	56.2	57.4	57.6	58.2	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.8	58.9
≥ 8000	53.6	57.7	59.1	59.4	59.9	60.3	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.6	60.6
≥ 7000	54.3	58.7	60.1	61.4	61.9	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.6	62.7
≥ 6000	57.2	61.6	63.2	63.7	64.2	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.0
≥ 5000	58.4	62.9	64.5	64.8	65.4	65.9	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.5
≥ 4500	59.6	64.4	66.2	66.7	67.4	67.8	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.4	68.5
≥ 4000	60.1	65.2	67.0	67.5	68.2	68.6	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.2	69.2
≥ 3500	60.8	66.2	68.5	69.2	69.9	70.3	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	71.0	71.0
≥ 3000	62.4	68.0	71.5	72.3	73.2	73.9	74.3	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.7
≥ 2500	63.4	70.8	73.4	74.4	75.4	76.0	76.4	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.8	76.8
≥ 2000	64.7	72.8	75.8	77.1	78.5	79.1	79.6	79.8	79.9	80.0	80.1	80.1	80.1	80.1	80.2	80.2
≥ 1800	64.8	73.1	76.3	77.6	79.2	79.9	80.4	80.6	80.6	80.8	80.9	80.9	80.9	80.9	81.0	81.0
≥ 1500	65.4	74.3	77.6	79.1	81.3	81.9	82.6	82.7	82.7	82.9	82.9	82.9	83.0	83.0	83.1	83.2
≥ 1200	65.4	74.8	78.4	80.1	82.8	83.8	84.3	84.4	84.4	84.6	84.7	84.7	84.7	84.7	84.8	84.9
≥ 1000	65.6	75.2	79.1	80.7	83.6	84.6	85.2	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.6	85.6
≥ 900	65.4	75.3	79.2	81.1	84.0	84.9	85.7	86.1	86.5	86.9	87.0	87.0	87.2	87.2	87.3	87.4
≥ 800	65.6	75.4	79.2	81.4	84.3	85.2	86.0	86.4	86.9	87.2	87.3	87.3	87.5	87.5	87.6	87.6
≥ 700	65.7	75.8	80.0	82.0	85.0	86.0	87.0	87.4	88.2	88.7	89.0	89.0	89.2	89.2	89.3	89.4
≥ 600	65.7	75.8	80.1	82.2	85.2	86.2	87.3	87.8	88.7	89.2	89.6	89.6	89.8	89.8	89.9	90.0
≥ 500	65.7	75.9	80.3	82.7	86.1	87.9	89.0	89.7	90.8	91.3	91.8	92.0	92.9	92.9	93.0	93.1
≥ 400	65.8	76.2	80.6	83.1	87.2	89.2	90.7	91.5	92.6	93.2	94.2	94.3	95.6	95.6	95.7	95.8
≥ 300	65.8	76.4	80.8	83.3	88.0	89.5	91.0	92.0	93.2	93.8	95.0	95.4	97.4	97.6	97.8	98.1
≥ 200	65.8	76.4	80.8	83.3	88.0	89.6	91.2	92.3	93.6	94.3	95.6	96.1	98.3	98.4	98.6	98.8
≥ 100	65.8	76.4	80.8	83.3	88.0	89.6	91.3	92.3	93.6	94.3	95.6	96.2	98.4	98.6	98.8	99.2
0	65.8	76.4	80.8	83.3	88.0	89.6	91.3	92.3	93.6	94.3	95.6	96.2	98.4	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS ~~1393~~

USAF ETAC FORM JUL 66 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04742~~ STATION ~~REESE AFB N M/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS ~~DEC~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0600-0900~~ L.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.2	48.0	49.2	49.7	50.5	50.7	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.1
≥ 20000	48.0	50.8	52.3	52.8	53.6	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.2
≥ 18000	48.0	50.8	52.3	52.8	53.6	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.2
≥ 16000	48.1	51.0	52.5	53.0	53.8	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.4
≥ 14000	48.7	51.7	53.3	53.8	54.6	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.1
≥ 12000	48.8	51.8	53.4	54.0	54.8	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.3
≥ 10000	50.8	54.2	55.8	56.3	57.2	57.3	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.8
≥ 9000	51.0	54.4	56.0	56.5	57.7	57.8	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
≥ 8000	52.3	56.2	58.2	58.7	59.7	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.3
≥ 7000	54.4	58.8	60.9	61.5	62.6	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.2
≥ 6000	55.3	60.1	62.5	63.5	64.6	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.2
≥ 5000	57.7	62.7	65.2	66.3	67.3	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.0
≥ 4500	59.0	64.4	67.2	68.3	69.5	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	70.1
≥ 4000	59.8	65.4	68.2	69.3	70.4	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.0
≥ 3500	60.8	66.5	69.2	70.3	71.5	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	72.1
≥ 3000	61.0	66.7	69.4	70.5	71.8	71.9	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.6
≥ 2500	62.6	69.0	72.3	73.7	75.1	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	76.0
≥ 2000	63.8	70.5	74.0	75.6	77.1	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.8	78.1
≥ 1800	63.9	71.3	74.8	76.5	78.1	78.3	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.9	79.1
≥ 1500	64.0	71.9	75.8	77.6	79.3	79.5	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.1	80.3
≥ 1200	68.0	73.8	77.9	80.1	82.9	83.4	83.7	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.4	84.7
≥ 1000	68.2	74.1	78.3	80.7	84.0	84.6	84.9	85.1	85.4	85.8	85.8	85.8	85.8	85.9	86.0	86.3
≥ 900	68.3	74.1	78.3	80.8	84.1	84.8	85.2	85.7	85.9	86.3	86.3	86.3	86.5	86.5	86.7	87.0
≥ 800	68.4	74.4	78.9	81.6	86.4	86.2	86.6	87.2	87.5	88.2	88.3	88.3	88.4	88.7	88.8	89.1
≥ 700	69.4	74.6	79.0	82.2	85.9	86.9	87.2	88.0	88.4	89.2	89.5	89.5	89.7	89.9	90.0	90.3
≥ 600	68.6	74.8	79.4	82.8	87.0	88.1	88.6	89.6	89.8	90.8	91.2	91.3	91.8	91.9	92.0	92.3
≥ 500	69.4	75.1	79.8	83.4	88.0	89.0	89.7	90.5	90.9	92.3	92.8	93.0	93.8	94.0	94.1	94.4
≥ 400	69.6	75.3	80.0	83.6	88.3	89.7	90.7	91.6	92.0	93.4	94.3	94.5	95.3	95.6	95.8	96.1
≥ 300	69.6	75.3	80.1	83.7	88.7	90.0	91.3	92.2	92.7	94.2	95.1	95.5	96.6	96.8	96.9	97.6
≥ 200	69.6	75.3	80.1	83.7	88.7	90.0	91.3	92.2	92.7	94.3	95.3	95.7	97.2	97.4	97.5	98.6
≥ 100	69.6	75.3	80.1	83.7	88.7	90.0	91.3	92.2	92.8	94.4	95.7	96.1	97.6	98.1	98.4	99.4
≥ 0	69.6	75.3	80.1	83.7	88.7	90.0	91.3	92.2	92.8	94.4	95.7	96.1	97.6	98.1	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS ~~1395~~

USAF ETAC FORM JUL 66 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 LOCAL (LST) TIME

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.4	46.5	47.0	47.4	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 20000	47.9	50.1	50.9	51.3	51.4	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 18000	48.0	50.2	51.0	51.3	51.5	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 16000	48.0	50.3	51.0	51.4	51.5	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 14000	48.4	50.8	51.5	51.9	52.0	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 12000	48.8	51.3	52.1	52.5	52.6	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 10000	52.3	55.6	56.6	57.0	57.2	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 9000	52.8	56.3	57.4	57.8	58.1	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 8000	55.2	59.1	60.4	61.1	61.3	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 7000	57.0	61.0	62.3	63.0	63.2	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.9
≥ 6000	58.5	62.9	64.4	65.1	65.5	65.7	65.9	65.9	65.9	65.9	65.9	65.9	66.1	66.1	66.1	66.2
≥ 5000	60.4	64.8	66.3	67.0	67.4	67.5	67.8	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.2
≥ 4500	61.5	67.0	68.5	69.5	70.3	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	71.0
≥ 4000	62.3	68.2	69.7	70.8	71.5	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.2
≥ 3500	63.9	69.9	71.5	72.5	73.3	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	74.1
≥ 3000	65.7	72.0	73.9	75.0	75.9	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.6
≥ 2500	66.7	73.2	75.4	76.5	77.5	77.6	77.9	77.9	77.9	77.9	77.9	77.9	78.1	78.1	78.1	78.2
≥ 2000	67.1	73.8	76.1	77.3	78.7	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.6
≥ 1800	67.4	74.3	76.6	78.3	79.5	79.6	80.0	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.4
≥ 1500	68.0	75.3	77.6	79.4	81.0	81.3	81.7	81.7	81.9	81.9	81.9	81.9	82.1	82.1	82.1	82.3
≥ 1200	68.3	75.9	78.3	80.3	81.9	82.1	82.6	82.7	82.8	82.9	82.9	82.9	83.1	83.1	83.1	83.2
≥ 1000	68.5	76.2	78.8	81.0	82.9	83.4	84.0	84.1	84.2	84.6	84.6	84.6	84.7	84.7	84.7	84.9
≥ 900	68.6	76.3	78.9	81.1	83.0	83.5	84.4	84.4	84.6	85.0	85.2	85.2	85.4	85.4	85.4	85.7
≥ 800	68.7	76.3	79.0	81.4	83.3	84.1	85.1	85.2	85.4	86.0	86.4	86.4	86.6	86.6	86.7	87.0
≥ 700	68.7	76.4	79.2	82.1	84.4	85.0	86.2	86.3	86.7	87.2	87.6	87.6	87.8	87.8	88.0	88.2
≥ 600	68.9	76.8	79.6	82.6	85.0	85.6	86.8	86.9	87.3	87.8	88.2	88.2	88.4	88.4	88.6	88.8
≥ 500	69.0	77.2	80.0	83.0	86.7	87.5	89.1	89.7	90.4	91.6	92.5	92.5	92.8	92.8	93.0	93.4
≥ 400	69.0	77.3	80.1	83.2	87.1	88.2	89.7	90.4	91.4	93.1	94.4	94.5	95.2	95.2	95.6	95.9
≥ 300	69.0	77.3	80.1	83.2	87.3	88.4	90.0	91.3	92.1	93.9	95.4	95.6	96.3	96.6	97.1	97.8
≥ 200	69.0	77.3	80.1	83.2	87.3	88.4	90.0	91.4	92.3	94.1	95.8	96.0	96.8	97.1	97.6	98.5
≥ 100	69.0	77.3	80.1	83.2	87.3	88.4	90.0	91.4	92.3	94.2	95.8	96.1	97.2	97.5	98.0	99.4
0	69.0	77.3	80.1	83.2	87.3	88.4	90.0	91.4	92.3	94.2	95.8	96.1	97.2	97.5	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1305

USAF ETAC FORM NO. 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04743~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS ~~DEC~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1200-1400~~

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.0	47.6	47.7	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 20000	51.2	53.6	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	51.5	53.9	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 16000	51.7	54.1	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 14000	53.0	55.5	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 12000	54.1	56.6	57.0	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 10000	55.8	58.6	58.9	59.1	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 9000	56.2	59.4	59.7	59.8	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 8000	57.8	61.1	61.7	62.0	62.3	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 7000	58.1	62.3	62.9	63.4	63.9	63.9	64.2	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.5	64.6
≥ 6000	60.3	63.5	64.2	64.7	65.6	65.7	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.4	66.5
≥ 5000	62.0	65.7	66.5	67.1	68.0	68.2	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.8	69.0
≥ 4500	62.3	66.3	67.2	68.0	69.0	69.1	69.5	69.5	69.5	69.5	69.7	69.7	69.7	69.7	69.8	69.9
≥ 4000	64.4	68.2	70.0	70.8	71.7	71.8	72.1	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.6	72.7
≥ 3500	66.0	71.0	72.1	72.9	73.8	74.0	74.4	74.4	74.4	74.5	74.6	74.6	74.6	74.6	74.8	74.8
≥ 3000	67.8	73.8	74.1	75.0	76.0	76.1	76.6	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.8	77.0
≥ 2500	68.0	73.4	74.8	75.8	76.9	77.1	77.7	77.7	77.7	77.8	77.9	77.9	77.9	77.9	78.1	78.1
≥ 2000	69.2	74.8	76.4	77.5	78.7	79.0	79.6	79.7	79.8	79.8	80.0	80.0	80.0	80.0	80.1	80.3
≥ 1800	69.8	75.8	77.1	78.4	79.6	79.9	80.4	80.6	80.6	80.7	80.9	80.9	80.9	80.9	81.0	81.1
≥ 1500	70.8	77.1	78.1	80.4	82.0	82.3	82.8	83.2	83.3	83.4	83.6	83.6	83.6	83.6	83.7	83.8
≥ 1200	71.1	77.8	79.9	81.7	83.2	83.6	84.3	84.6	84.7	84.9	85.1	85.1	85.2	85.2	85.3	85.4
≥ 1000	71.8	78.4	80.8	82.6	84.2	84.6	85.4	85.8	85.8	86.2	86.3	86.3	86.4	86.4	86.7	86.8
≥ 900	71.8	78.8	80.9	82.9	84.7	85.1	86.2	86.7	86.8	87.1	87.4	87.4	87.5	87.5	87.6	87.7
≥ 800	72.1	79.2	81.4	83.3	85.4	85.7	87.0	87.4	87.5	87.8	88.1	88.4	88.4	88.7	88.9	89.0
≥ 700	72.3	79.4	81.5	83.9	85.8	86.2	87.5	88.2	88.4	88.9	89.3	89.3	89.7	89.7	89.8	89.9
≥ 600	72.3	79.8	81.9	84.3	86.3	86.8	87.8	88.7	89.0	89.3	89.8	90.1	91.0	91.0	92.0	92.1
≥ 500	72.3	79.9	82.0	84.7	87.2	88.2	90.0	91.8	91.8	92.3	93.3	93.3	93.6	93.7	94.0	94.1
≥ 400	72.3	79.9	82.0	84.9	87.4	88.7	90.3	91.7	92.0	92.5	93.5	93.5	94.0	94.0	94.3	94.3
≥ 300	72.3	79.9	82.2	85.1	87.9	89.0	91.0	92.2	92.5	94.1	95.5	95.6	95.9	96.2	96.6	97.2
≥ 200	72.3	79.9	82.2	85.2	88.0	89.1	91.0	92.3	92.6	94.3	96.0	96.3	97.0	97.3	97.6	98.4
≥ 100	72.3	79.9	82.2	85.2	88.0	89.1	91.0	92.3	92.6	94.3	96.1	96.4	97.1	97.5	98.4	99.5
0	72.3	79.9	82.2	85.2	88.0	89.1	91.0	92.3	92.6	94.3	96.1	96.4	97.1	97.5	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS ~~1295~~

USAF ETAC FORM APR 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04742~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS ~~DEC~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~1500-1700~~ HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.2	47.8	48.2	48.6	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
	52.0	54.1	54.8	55.5	56.0	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 18000 ≥ 16000	52.2	54.3	55.0	55.6	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
	52.6	54.8	55.5	56.1	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 14000 ≥ 12000	53.5	55.7	56.4	57.1	57.6	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
	54.3	56.6	57.4	58.1	58.6	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 10000 ≥ 9000	56.3	59.3	60.1	60.7	61.2	61.4	61.4	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6
	57.3	60.3	61.1	61.7	62.2	62.4	62.4	62.4	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000 ≥ 7000	59.3	62.3	63.2	63.9	64.6	64.7	64.9	64.9	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1
	60.4	63.7	64.7	65.4	66.2	66.4	66.5	66.5	66.5	66.7	66.8	66.8	66.8	66.8	67.0	67.0
≥ 6000 ≥ 5000	61.1	64.7	65.6	66.3	67.2	67.4	67.5	67.5	67.5	67.7	67.8	67.8	67.8	67.8	68.0	68.0
	61.9	66.2	67.1	67.8	68.8	69.2	69.3	69.3	69.3	69.7	69.8	69.8	69.8	69.8	70.0	70.1
≥ 4500 ≥ 4000	62.3	66.9	67.8	68.7	69.9	70.1	70.3	70.4	70.4	70.5	70.7	70.7	70.7	70.7	70.9	71.0
	64.0	68.6	69.5	70.4	71.6	71.8	72.0	72.1	72.1	72.3	72.4	72.4	72.4	72.4	72.6	72.7
≥ 3500 ≥ 3000	65.7	70.6	71.6	72.5	73.8	74.2	74.4	74.5	74.5	74.6	74.8	74.8	74.8	74.8	75.0	75.1
	67.3	72.5	73.5	74.4	75.8	76.3	76.5	76.6	76.6	76.8	76.9	76.9	76.9	76.9	77.1	77.2
≥ 2500 ≥ 2000	68.6	74.1	75.3	76.7	78.4	79.0	79.2	79.4	79.4	79.5	79.6	79.7	79.7	79.7	79.9	80.0
	69.8	75.4	76.8	78.4	80.1	80.9	81.3	81.5	81.5	81.6	81.8	81.9	81.9	81.9	82.1	82.2
≥ 1800 ≥ 1500	69.7	75.8	77.4	79.0	80.7	81.6	81.9	82.2	82.2	82.3	82.4	82.5	82.5	82.5	82.7	82.8
	70.6	76.6	78.2	79.9	81.7	82.7	83.2	83.4	83.4	83.7	83.8	83.9	83.9	83.9	84.1	84.2
≥ 1200 ≥ 1000	71.0	77.4	79.1	80.9	83.0	84.2	84.7	84.9	84.9	85.2	85.4	85.4	85.4	85.4	85.7	85.7
	71.5	78.0	79.7	81.7	84.1	85.2	86.0	86.4	86.5	86.8	87.0	87.2	87.2	87.2	87.4	87.5
≥ 900 ≥ 800	71.6	78.4	80.1	82.4	84.7	85.9	86.7	87.2	87.3	87.7	87.9	88.0	88.0	88.0	88.2	88.4
	71.7	78.4	80.2	82.8	85.3	86.5	87.3	87.8	88.0	88.2	88.4	88.5	88.5	88.5	88.7	88.9
≥ 700 ≥ 600	71.7	78.6	80.4	83.1	85.8	87.1	88.1	88.6	88.8	89.4	89.9	90.0	90.0	90.0	90.2	90.4
	71.8	78.9	80.8	84.1	86.8	88.2	89.2	89.8	90.2	91.0	91.5	91.6	91.6	91.6	92.0	92.1
≥ 500 ≥ 400	71.8	79.1	80.9	84.4	87.3	89.2	90.5	91.3	91.9	93.0	93.8	94.1	94.3	94.3	94.8	95.0
	71.8	79.1	81.0	84.7	87.7	89.6	91.2	92.0	92.6	94.0	94.8	95.1	95.4	95.7	96.2	96.3
≥ 300 ≥ 200	71.8	79.1	81.0	84.7	88.1	90.1	91.6	92.6	93.6	95.8	96.6	96.8	97.1	97.2	97.7	98.3
	71.8	79.1	81.0	84.7	88.1	90.2	91.8	92.8	93.8	95.8	96.6	96.8	97.4	97.6	98.2	98.8
≥ 100 0	71.8	79.1	81.0	84.7	88.1	90.2	91.9	93.1	93.8	95.8	96.6	96.9	97.8	97.9	98.7	99.7
	71.8	79.1	81.0	84.7	88.1	90.2	91.9	93.1	93.8	95.8	96.6	96.9	97.8	97.9	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS ~~1393~~

USAF ETAC FORM AWS M 0-14-8 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04743~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~56-70~~ YEARS ~~DEC~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1000-2000~~ LOCAL TIME

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.5	51.0	52.3	52.7	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7
≥ 20000	~~51.1~~	~~53.7~~	~~55.3~~	~~55.6~~	~~56.3~~	~~56.4~~	~~56.5~~	~~56.5~~	~~56.5~~	~~56.5~~	~~56.5~~	~~56.5~~	~~56.5~~	~~56.5~~	~~56.5~~	~~56.7~~
NV 18000	51.3	53.8	55.4	55.8	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.8
16000	~~51.5~~	~~54.1~~	~~55.6~~	~~56.0~~	~~56.7~~	~~56.8~~	~~56.8~~	~~56.8~~	~~56.8~~	~~56.8~~	~~56.8~~	~~56.8~~	~~56.8~~	~~56.8~~	~~56.8~~	~~57.1~~
NV 14000	52.5	55.1	56.7	57.1	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.1
12000	~~53.0~~	~~55.5~~	~~57.1~~	~~57.4~~	~~58.1~~	~~58.2~~	~~58.3~~	~~58.3~~	~~58.3~~	~~58.3~~	~~58.3~~	~~58.3~~	~~58.3~~	~~58.3~~	~~58.3~~	~~58.5~~
NV 10000	55.8	58.8	60.4	60.7	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.8	61.8	61.8	62.0
9000	~~56.8~~	~~59.8~~	~~61.4~~	~~61.7~~	~~62.5~~	~~62.6~~	~~62.7~~	~~62.7~~	~~62.7~~	~~62.7~~	~~62.7~~	~~62.7~~	~~62.8~~	~~62.8~~	~~62.8~~	~~63.0~~
NV 8000	57.6	60.9	62.5	62.9	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.4
7000	~~58.6~~	~~62.2~~	~~63.9~~	~~64.4~~	~~65.7~~	~~65.7~~	~~65.8~~	~~65.8~~	~~65.8~~	~~65.8~~	~~65.9~~	~~65.9~~	~~66.0~~	~~66.0~~	~~66.0~~	~~66.2~~
NV 6000	58.9	62.7	64.4	64.9	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.5	66.6	66.7	66.7	66.9
5000	~~60.4~~	~~64.7~~	~~66.5~~	~~67.2~~	~~68.6~~	~~68.7~~	~~68.7~~	~~68.8~~	~~68.8~~	~~68.8~~	~~68.9~~	~~68.9~~	~~69.0~~	~~69.1~~	~~69.1~~	~~69.3~~
NV 4500	61.4	66.4	68.2	69.0	70.3	70.3	70.6	70.7	70.7	70.7	70.8	70.8	70.9	71.0	71.0	71.2
4000	~~62.7~~	~~67.9~~	~~69.8~~	~~70.6~~	~~72.1~~	~~72.2~~	~~72.3~~	~~72.3~~	~~72.3~~	~~72.3~~	~~72.4~~	~~72.4~~	~~72.5~~	~~72.6~~	~~72.6~~	~~72.8~~
NV 3500	63.4	68.8	70.8	71.6	73.1	73.2	73.3	73.3	73.3	73.3	73.4	73.4	73.5	73.6	73.6	73.8
3000	~~65.2~~	~~71.3~~	~~73.5~~	~~74.3~~	~~75.9~~	~~76.0~~	~~76.1~~	~~76.2~~	~~76.3~~	~~76.2~~	~~76.3~~	~~76.3~~	~~76.4~~	~~76.5~~	~~76.5~~	~~76.7~~
NV 2500	67.2	74.3	76.7	77.5	79.6	79.6	79.8	79.9	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.4
2000	~~68.0~~	~~75.6~~	~~78.1~~	~~79.1~~	~~81.4~~	~~81.6~~	~~82.0~~	~~82.1~~	~~82.1~~	~~82.1~~	~~82.2~~	~~82.2~~	~~82.3~~	~~82.4~~	~~82.4~~	~~82.6~~
NV 1800	68.6	76.1	78.7	79.8	82.0	82.4	82.7	82.8	82.8	82.8	82.9	82.9	83.0	83.1	83.1	83.3
1500	~~69.2~~	~~77.0~~	~~79.6~~	~~80.9~~	~~83.3~~	~~83.7~~	~~84.0~~	~~84.2~~	~~84.3~~	~~84.3~~	~~84.4~~	~~84.4~~	~~84.5~~	~~84.6~~	~~84.6~~	~~84.8~~
NV 1200	69.7	78.3	81.1	82.7	85.4	85.8	86.2	86.4	86.4	86.5	86.6	86.6	86.7	86.8	86.8	87.0
1000	~~69.9~~	~~78.6~~	~~81.6~~	~~83.2~~	~~86.6~~	~~87.1~~	~~87.8~~	~~88.0~~	~~88.0~~	~~88.2~~	~~88.3~~	~~88.3~~	~~88.5~~	~~88.5~~	~~88.5~~	~~88.7~~
NV 900	69.9	78.7	81.6	83.4	86.9	87.4	88.2	88.3	88.5	88.7	88.8	88.8	89.0	89.0	89.0	89.2
800	~~69.9~~	~~78.7~~	~~81.7~~	~~83.5~~	~~87.3~~	~~88.2~~	~~89.0~~	~~89.4~~	~~89.7~~	~~90.0~~	~~90.3~~	~~90.3~~	~~90.5~~	~~90.5~~	~~90.5~~	~~90.8~~
NV 700	69.9	78.9	81.9	83.8	88.0	88.7	89.9	90.4	90.5	90.8	91.2	91.2	91.4	91.5	91.5	91.8
600	~~70.0~~	~~79.1~~	~~82.4~~	~~84.4~~	~~89.0~~	~~90.0~~	~~90.9~~	~~91.8~~	~~91.9~~	~~92.3~~	~~92.6~~	~~92.6~~	~~92.9~~	~~93.0~~	~~93.0~~	~~93.3~~
NV 500	70.0	79.1	82.6	84.7	89.4	90.6	91.9	92.8	92.9	93.3	93.8	93.9	94.4	94.6	94.7	95.0
400	~~70.0~~	~~79.1~~	~~82.6~~	~~84.7~~	~~89.6~~	~~91.0~~	~~92.5~~	~~93.4~~	~~93.5~~	~~94.2~~	~~94.8~~	~~95.1~~	~~95.8~~	~~96.0~~	~~96.1~~	~~96.4~~
NV 300	70.0	79.1	82.7	84.8	90.0	91.6	93.2	94.3	94.5	95.3	96.1	96.3	97.2	97.3	97.6	97.9
200	~~70.0~~	~~79.1~~	~~82.7~~	~~84.8~~	~~90.0~~	~~91.6~~	~~93.3~~	~~94.4~~	~~94.6~~	~~95.7~~	~~96.6~~	~~96.9~~	~~97.8~~	~~98.0~~	~~98.1~~	~~98.4~~
NV 100	70.0	79.1	82.7	84.8	90.0	91.6	93.3	94.4	95.0	95.8	96.7	97.1	98.2	98.3	98.5	99.4
0	~~70.0~~	~~79.1~~	~~82.7~~	~~84.8~~	~~90.0~~	~~91.6~~	~~93.3~~	~~94.4~~	~~95.0~~	~~95.8~~	~~96.7~~	~~97.1~~	~~98.2~~	~~98.3~~	~~98.5~~	~~100.0~~

TOTAL NUMBER OF OBSERVATIONS ~~1393~~

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~04743~~ STATION ~~PEASE AFB N H/PORTSMOUTH~~ STATION NAME ~~50-70~~ YEARS ~~DEC~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~2100-2300~~ HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.9	49.1	49.8	50.5	50.8	50.9	51.3	51.5	51.5	51.5	51.6	51.6	52.0	52.0	52.2	52.3
≥ 20000	47.3	50.6	51.5	52.1	52.5	52.5	52.9	53.2	53.2	53.2	53.3	53.3	53.6	53.6	53.8	53.9
≥ 18000	47.5	50.8	51.7	52.3	52.7	52.8	53.2	53.4	53.4	53.4	53.5	53.5	53.8	53.8	54.1	54.1
≥ 16000	48.1	51.4	52.4	53.0	53.4	53.5	53.9	54.1	54.1	54.1	54.2	54.3	54.6	54.6	54.8	54.8
≥ 14000	49.0	52.3	53.3	54.0	54.3	54.4	54.8	55.1	55.1	55.1	55.1	55.1	55.5	55.5	55.7	55.8
≥ 12000	50.3	53.8	54.8	55.4	55.8	55.8	56.3	56.5	56.5	56.5	56.6	56.6	56.9	56.9	57.1	57.2
≥ 10000	52.8	56.6	57.8	58.4	58.8	58.9	59.3	59.5	59.5	59.5	59.6	59.6	59.9	59.9	60.2	60.3
≥ 9000	53.3	57.2	58.4	59.0	59.4	59.4	59.9	60.1	60.1	60.1	60.1	60.1	60.5	60.5	60.8	60.9
≥ 8000	55.4	59.6	60.8	61.4	61.8	61.9	62.3	62.5	62.5	62.5	62.6	62.6	62.9	62.9	63.2	63.3
≥ 7000	56.6	61.1	62.3	63.1	63.5	63.6	64.0	64.2	64.2	64.2	64.3	64.3	64.7	64.7	64.9	65.0
≥ 6000	57.9	62.9	64.2	65.0	65.5	65.6	66.0	66.2	66.2	66.2	66.3	66.3	66.7	66.7	67.0	67.0
≥ 5000	59.2	64.8	66.3	67.5	68.2	68.2	68.7	68.9	68.9	68.9	69.0	69.0	69.3	69.3	69.6	69.7
≥ 4500	60.1	66.2	68.0	69.1	69.8	69.9	70.3	70.5	70.5	70.5	70.6	70.6	71.0	71.0	71.3	71.3
≥ 4000	60.8	67.0	68.7	70.1	70.8	71.0	71.4	71.6	71.6	71.6	71.7	71.7	72.0	72.0	72.4	72.4
≥ 3500	62.1	68.5	70.3	71.6	72.3	72.5	72.9	73.1	73.1	73.1	73.2	73.2	73.5	73.5	73.8	73.9
≥ 3000	64.5	71.3	73.3	74.8	75.5	75.6	76.1	76.3	76.3	76.3	76.4	76.4	76.8	76.8	77.1	77.1
≥ 2500	65.7	73.0	75.1	76.8	77.6	77.8	78.4	78.7	78.7	78.7	78.8	78.8	79.1	79.1	79.4	79.5
≥ 2000	67.4	75.5	77.7	80.1	81.3	81.5	82.2	82.4	82.4	82.4	82.5	82.5	82.9	82.9	83.2	83.2
≥ 1800	67.5	75.7	77.9	80.3	81.7	81.9	82.6	82.9	82.9	82.9	82.9	82.9	83.3	83.3	83.6	83.7
≥ 1500	67.8	76.3	78.6	81.0	82.6	82.8	83.6	83.7	83.8	83.8	83.9	83.9	84.3	84.3	84.6	84.7
≥ 1200	68.2	76.9	79.6	82.1	83.9	84.6	85.4	85.7	85.9	85.9	86.0	86.0	86.4	86.4	86.7	86.7
≥ 1000	68.2	77.0	79.6	82.4	84.4	85.1	85.9	86.6	86.8	86.8	86.9	86.9	87.3	87.3	87.6	87.6
≥ 900	68.3	77.1	79.7	82.7	85.0	85.7	86.6	87.0	87.2	87.2	87.5	87.5	87.8	87.8	88.1	88.2
≥ 800	68.3	77.4	80.1	83.2	85.7	86.5	87.5	88.0	88.2	88.4	88.8	88.8	89.2	89.2	89.5	89.5
≥ 700	68.5	77.7	80.6	83.8	86.6	87.9	88.6	89.0	89.4	89.6	90.2	90.2	90.7	90.7	91.0	91.0
≥ 600	68.5	78.0	81.1	84.4	87.3	88.5	89.6	90.3	90.7	91.0	91.6	91.6	92.1	92.1	92.4	92.5
≥ 500	68.5	78.2	81.5	84.2	88.7	90.0	91.5	92.0	92.5	92.9	93.5	93.5	94.1	94.1	94.3	94.4
≥ 400	68.5	78.3	81.8	85.5	89.3	90.6	92.3	93.0	93.4	94.1	94.8	94.8	95.6	95.7	96.0	96.1
≥ 300	68.5	78.3	81.8	85.6	89.5	90.8	92.7	93.5	93.9	94.7	95.7	95.8	96.8	96.9	97.3	97.6
≥ 200	68.5	78.3	81.8	85.6	89.5	90.8	92.9	93.8	94.2	95.1	96.2	96.3	97.4	97.6	98.1	98.6
≥ 100	68.5	78.3	81.8	85.6	89.5	90.8	92.9	93.8	94.2	95.3	96.3	96.6	97.7	97.9	98.6	99.4
0	68.5	78.3	81.8	85.6	89.5	90.8	92.9	93.8	94.2	95.3	96.3	96.6	97.7	97.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS ~~1345~~

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART D SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.

2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (PERIOD) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	26.2	0.1	4.9	4.4	2.9	1.9	2.4	3.9	5.2	3.1	41.1	5.7	10407
FEB		23.0	5.2	4.5	4.2	3.7	2.6	3.2	3.6	4.5	3.4	41.8	5.8	9477
MAR		19.6	5.1	4.9	4.4	3.4	2.9	2.9	4.2	5.6	4.5	42.3	6.1	10409
APR		18.9	5.5	5.2	4.1	3.2	3.0	3.1	4.6	5.4	4.3	42.6	6.1	10607
MAY		16.8	5.5	5.5	5.7	4.0	4.0	3.9	5.2	6.7	4.7	40.2	6.3	11180
JUN		12.8	5.4	5.9	5.7	4.9	3.9	3.9	6.2	7.8	4.7	39.4	6.3	10790
JUL		12.1	5.1	6.3	6.0	5.4	5.0	4.8	6.4	7.8	5.2	38.7	6.2	11148
AUG		16.4	6.2	7.3	6.9	5.0	4.3	4.4	5.5	6.7	4.8	31.7	5.7	11153
SEP		21.9	6.4	5.8	5.3	4.0	3.3	3.8	4.7	6.3	4.6	32.9	5.5	10794
OCT		25.3	6.0	5.8	4.6	3.8	3.1	3.3	4.6	5.5	4.7	33.3	5.3	11151
NOV		17.3	4.8	4.6	4.1	3.1	2.9	3.0	4.6	5.1	4.1	40.8	6.2	10794
DEC		21.8	5.3	5.3	4.6	3.3	2.3	2.6	3.9	4.3	3.2	43.6	6.0	11188
TOTALS		19.1	5.0	5.3	5.0	3.9	3.3	3.4	4.8	5.9	4.3	39.4	6.0	129038

USAF ETAC FORM JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

04763 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 PERIOD | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	35.0	3.9	3.8	2.5	1.9	1.4	2.2	2.8	3.2	1.6	42.3	5.3	1297
	03-05	31.9	4.0	3.6	3.8	3.0	1.4	2.0	3.4	4.2	1.9	40.9	5.4	1301
	06-08	22.8	6.1	5.1	5.0	3.2	1.3	1.9	3.7	5.6	4.9	40.4	5.8	1301
	09-11	18.8	7.1	5.2	4.8	3.3	2.3	2.1	3.4	6.5	4.1	42.5	6.1	1302
	12-14	16.1	6.1	5.9	4.6	3.3	3.0	3.5	5.2	7.4	3.2	41.7	6.2	1302
	15-17	15.4	8.3	4.8	5.1	3.7	2.4	3.1	6.0	6.2	4.2	40.7	6.2	1301
	18-20	23.0	8.0	5.5	6.1	2.8	1.9	2.8	3.8	4.5	2.0	39.6	5.5	1302
	21-23	30.3	5.4	4.9	2.9	2.3	1.8	1.8	2.9	4.3	2.7	40.7	5.4	1301
TOTALS		24.2	6.1	4.9	4.4	3.9	1.9	2.4	3.9	5.2	3.1	41.1	5.7	10497

USAF ETAC FORM NO. 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 PERIOD | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	35.0	4.4	3.7	3.6	2.9	1.9	2.4	2.4	3.5	1.4	38.9	5.0	1184
	03-05	34.4	3.4	4.1	2.6	1.9	1.4	2.2	3.3	3.7	1.3	41.9	5.3	1185
	06-08	19.8	6.9	4.3	3.9	3.0	2.3	3.1	3.3	5.2	3.6	43.9	6.1	1185
	09-11	17.0	6.0	3.9	4.4	3.9	2.0	3.0	4.3	5.5	4.8	45.3	6.4	1185
	12-14	15.0	4.6	3.7	5.3	5.2	3.5	3.5	4.6	5.2	6.8	42.6	6.5	1183
	15-17	15.2	5.9	4.6	4.6	4.5	3.9	4.1	4.4	6.3	4.4	42.2	6.3	1185
	18-20	20.4	5.7	6.9	5.0	3.6	3.0	4.5	3.5	4.3	3.0	40.0	5.8	1185
	21-23	31.5	4.6	5.1	4.1	3.4	2.7	2.6	2.7	2.0	1.6	39.5	5.2	1185
TOTALS		22.6	5.6	4.6	4.3	3.7	3.6	3.2	3.6	4.3	3.4	41.8	5.8	9477

USAF ETAC FORM AWS 64 0-9-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

04749 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 PERIOD | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	29.6	4.5	4.2	3.7	3.1	1.6	3.0	2.9	5.2	2.5	39.5	5.4	1300
	03-05	29.7	4.8	5.1	3.5	2.9	1.6	3.2	3.7	3.5	2.8	39.5	5.4	1301
	06-08	15.7	5.9	5.3	3.5	2.6	2.8	3.5	5.0	7.8	4.8	43.3	6.4	1301
	09-11	13.2	4.8	5.1	4.1	3.3	3.5	1.9	5.8	7.2	5.8	45.3	6.7	1302
	12-14	12.6	4.3	3.6	4.7	3.5	3.8	3.1	6.1	6.0	6.5	45.8	6.8	1302
	15-17	14.0	5.2	4.2	4.7	4.5	3.3	2.8	3.2	6.7	7.4	44.1	6.6	1300
	18-20	16.9	5.9	5.8	6.8	4.2	3.8	3.3	4.6	4.9	4.2	39.9	6.0	1302
	21-23	28.4	5.3	6.1	4.8	3.4	2.8	2.9	2.6	3.4	2.2	41.0	5.5	1301
TOTALS		19.6	5.1	4.9	4.6	3.4	3.9	3.0	4.8	5.0	4.8	42.3	6.1	10409

USAF ETAC FORM 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (PERIOD) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	31.1	3.4	4.6	3.9	2.6	1.8	2.0	2.9	4.1	2.7	41.0	5.4	1326
	03-05	28.8	4.9	4.4	4.1	2.6	1.7	2.3	4.7	3.4	2.4	40.7	5.6	1326
	06-08	17.7	6.4	6.6	4.6	2.8	2.9	3.1	3.7	4.7	4.9	42.7	6.1	1326
	09-11	14.9	5.2	4.7	3.8	4.1	4.0	4.0	5.6	6.1	4.8	43.8	6.5	1326
	12-14	10.2	6.1	5.1	4.0	3.2	4.4	4.1	6.1	7.9	5.4	43.4	6.8	1326
	15-17	12.1	5.7	4.4	4.4	3.5	3.4	3.4	4.9	7.3	7.2	43.6	6.7	1326
	18-20	14.8	6.1	6.0	4.5	4.7	3.5	3.3	4.9	4.9	4.3	42.9	6.3	1325
	21-23	24.2	6.3	5.7	3.5	3.5	3.0	3.9	4.2	3.0	3.0	42.5	5.7	1326
TOTALS		18.9	5.3	5.2	4.1	3.3	3.0	3.1	4.6	5.4	4.2	42.6	6.1	10607

USAF ETAC FORM 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (PERIOD) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	29.7	5.9	5.5	3.9	2.9	2.4	3.5	2.9	2.7	2.0	38.6	5.2	1395
	03-05	18.9	5.4	6.2	6.5	3.2	3.9	4.2	5.2	5.6	2.9	38.0	5.8	1393
	06-08	14.0	3.9	4.2	4.4	4.0	2.4	3.4	4.9	7.8	5.4	45.2	6.4	1395
	09-11	10.4	3.4	3.1	4.9	3.2	3.3	3.1	4.0	8.8	5.7	40.6	6.4	1395
	12-14	7.3	4.4	4.4	4.3	4.7	3.3	4.1	6.4	10.2	6.3	39.9	6.9	1390
	15-17	6.4	3.3	3.7	4.1	3.4	3.0	3.2	6.3	7.7	6.8	41.3	6.9	1393
	18-20	8.4	4.3	4.0	4.4	3.9	4.2	3.4	5.3	6.2	5.8	42.0	6.4	1394
	21-23	22.1	6.1	6.3	5.4	3.3	3.9	3.5	3.9	4.2	2.7	38.3	5.3	1395
TOTALS		16.3	4.3	4.3	4.7	4.0	4.0	3.9	5.1	6.7	4.7	40.3	6.3	11130

USAF ETAC FORM AWS 04 0-9-6 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 PERIOD | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	29.0	3.9	0.1	0.1	4.3	2.5	2.8	3.8	5.0	2.3	34.0	5.1	1347
	03-05	14.4	7.2	7.0	0.3	4.7	3.9	3.8	6.0	0.4	3.8	36.7	5.9	1350
	06-08	13.8	0.3	3.3	5.7	4.2	2.6	3.4	4.7	0.6	4.4	42.9	6.4	1349
	09-11	8.7	3.5	0.0	3.3	3.2	4.3	4.4	7.1	7.3	4.6	41.7	6.7	1350
	12-14	4.3	4.4	3.3	3.0	3.9	3.0	3.9	9.6	10.4	6.1	48.0	7.8	1350
	15-17	3.0	4.3	0.1	0.3	3.9	3.9	4.3	6.9	9.3	6.4	40.9	7.0	1350
	18-20	7.4	3.9	0.1	3.3	4.0	3.8	4.7	3.6	3.5	7.1	41.7	6.8	1347
	21-23	19.4	3.0	0.9	0.0	3.0	3.3	3.8	3.6	0.5	3.0	33.0	5.6	1347
TOTALS		13.0	3.4	3.3	3.7	4.3	3.3	3.7	6.3	7.3	4.7	39.4	6.3	10790

USAF ETAC FORM 0-3-4 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

04763 PEASE AFB N H/PORTSMOUTH 56-70 JUL
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	29.4	5.8	5.8	4.5	2.9	4.2	3.8	4.6	4.8	2.5	31.5	5.0	1393
	03-05	16.6	6.3	6.8	5.7	5.9	4.7	3.2	4.2	7.2	3.6	35.8	5.8	1395
	06-08	11.2	6.5	5.5	5.9	4.7	3.5	3.3	5.2	7.0	4.9	42.0	6.5	1391
	09-11	9.3	4.3	5.5	5.7	3.3	3.2	3.2	7.5	8.8	5.9	37.4	6.6	1394
	12-14	3.1	3.5	4.1	6.9	7.9	7.3	6.0	8.9	10.7	8.2	34.5	7.0	1393
	15-17	4.0	3.3	5.3	5.5	6.7	6.4	5.7	7.7	9.9	6.3	36.2	6.8	1395
	18-20	6.0	4.5	7.6	6.3	7.0	5.2	5.9	7.0	7.8	6.6	36.2	6.6	1393
	21-23	17.3	7.8	7.6	4.8	4.7	3.4	4.7	5.7	6.2	3.8	32.0	5.5	1394
TOTALS		12.1	5.1	6.3	6.0	5.6	5.0	4.8	6.6	7.8	5.2	33.7	6.2	11140

USAF ETAC FORM 0-8-F (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

04749 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 PERIOD | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	34.1	5.0	6.2	5.2	3.1	2.7	2.7	3.5	3.6	2.3	31.6	4.6	1394
	03-05	25.4	4.9	7.0	6.6	4.3	2.4	4.5	4.4	4.7	3.0	32.8	5.2	1395
	06-08	17.2	7.1	6.5	5.2	4.3	2.1	4.0	4.5	7.6	6.2	35.2	5.9	1393
	09-11	12.8	7.6	7.9	5.8	5.4	3.1	4.9	5.9	6.8	5.9	32.0	5.9	1395
	12-14	5.7	4.0	6.7	7.5	9.0	7.4	4.5	8.3	10.0	6.3	30.5	6.4	1395
	15-17	9.1	5.9	8.5	9.5	7.4	6.5	5.7	7.7	7.8	7.0	28.8	6.2	1393
	18-20	8.5	7.7	8.2	8.8	5.9	3.3	4.9	5.7	8.1	5.4	31.9	6.0	1395
	21-23	24.1	7.0	7.1	6.4	5.2	2.7	4.3	4.3	4.9	2.5	31.5	5.1	1393
TOTALS		16.6	6.8	7.2	6.7	5.4	4.2	4.4	5.5	6.7	4.8	31.7	5.7	11153

USAF ETAC FORM 0-7-0 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

04763 PEASE AFB N H/PORTSMOUTH 56-70 SEP
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	35.4	4.7	5.0	3.6	2.9	1.6	3.3	3.1	4.4	1.9	34.2	4.8	1349
	03-05	31.9	5.8	5.8	3.1	3.3	2.4	3.4	3.5	4.1	3.0	33.8	4.9	1350
	06-08	19.0	6.8	5.1	5.1	3.0	2.7	3.5	5.2	5.9	5.0	38.7	5.9	1350
	09-11	14.6	7.9	7.3	4.7	3.6	3.6	3.3	4.4	7.2	5.7	37.6	6.0	1348
	12-14	11.9	5.8	5.4	6.7	5.0	3.7	5.6	6.3	8.6	6.7	32.5	6.2	1350
	15-17	13.6	6.4	5.9	7.3	5.3	4.1	4.7	6.8	8.2	7.9	29.8	5.9	1348
	18-20	18.1	8.1	6.2	7.2	4.6	3.4	3.7	4.9	7.3	4.3	32.2	5.5	1349
	21-23	30.9	6.0	5.4	4.8	4.1	2.7	3.0	3.5	4.5	2.4	32.7	4.9	1350
TOTALS		21.9	6.4	5.8	5.3	4.0	3.2	3.8	4.7	6.3	4.6	33.9	5.5	10796

USAF ETAC FORM AUG. 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 PERIOD | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	39.3	4.1	4.0	3.8	2.2	1.8	2.4	3.4	2.2	2.5	34.1	4.6	1393
	03-05	36.1	5.3	5.6	3.8	2.7	2.7	3.5	3.6	3.6	2.4	30.8	4.6	1395
	06-08	20.1	7.0	6.5	5.1	3.2	3.8	3.6	4.2	6.2	6.2	34.0	5.6	1393
	09-11	10.1	8.5	6.1	5.6	4.2	3.2	3.2	4.1	7.4	5.9	35.7	5.9	1394
	12-14	14.4	6.7	6.0	5.2	4.5	4.9	3.9	6.2	8.7	6.2	33.1	6.0	1394
	15-17	18.7	7.0	6.9	5.2	4.5	4.3	3.4	5.6	6.9	6.8	33.7	5.9	1394
	18-20	26.3	7.2	6.4	5.2	3.9	2.2	3.1	4.7	5.0	4.6	31.4	5.1	1395
	21-23	34.2	6.7	4.5	3.1	2.4	2.1	3.2	3.2	3.9	2.8	33.9	4.8	1393
TOTALS		28.3	6.0	5.8	4.8	3.5	3.1	3.3	4.4	5.5	4.7	33.3	5.3	11151

USAF ETAC FORM 0-9-8 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (PERIOD) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	26.5	3.7	3.9	2.8	2.0	1.3	2.4	3.2	3.3	3.0	47.9	6.0	1349
	03-05	28.0	2.8	3.3	3.9	2.1	3.0	2.2	3.0	3.4	2.3	46.0	5.9	1349
	06-08	12.2	6.2	4.8	4.1	3.1	3.3	3.0	5.2	5.6	5.0	47.5	6.8	1348
	09-11	8.5	5.1	4.9	4.7	3.4	4.2	2.7	5.6	6.5	6.1	48.3	7.1	1349
	12-14	7.2	5.3	3.5	4.8	3.0	3.4	4.4	6.3	6.4	6.2	47.5	7.2	1350
	15-17	8.0	6.4	5.0	4.6	3.8	3.3	3.8	5.6	7.8	5.8	45.9	7.0	1350
	18-20	21.1	6.5	5.3	4.4	3.3	2.1	2.6	3.3	4.2	2.2	44.9	6.0	1350
	21-23	27.1	2.7	4.2	3.2	2.1	2.7	2.5	4.2	3.2	2.1	46.0	5.9	1349
TOTALS		17.3	4.8	4.4	4.1	3.1	3.9	3.0	4.6	5.1	4.1	46.8	6.5	10796

USAF ETAC FORM 0-9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 PERIOD | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	30.5	4.9	4.2	3.3	2.4	1.0	1.9	2.9	3.9	1.4	43.6	5.5	1395
	03-05	33.0	3.7	3.4	3.4	1.6	2.3	2.7	2.6	3.2	1.5	42.5	5.4	1395
	06-08	20.1	5.4	6.0	5.0	3.9	3.1	2.2	3.8	4.7	2.7	43.1	6.0	1394
	09-11	12.6	5.7	6.4	4.9	3.8	2.2	2.3	5.1	5.8	5.0	45.2	6.5	1395
	12-14	12.4	5.1	5.0	5.2	3.7	3.2	4.2	5.8	6.3	5.3	43.9	6.6	1395
	15-17	12.9	6.6	6.4	4.9	4.8	3.1	3.1	4.5	5.4	5.2	43.5	6.4	1394
	18-20	24.2	5.8	5.3	5.6	3.4	1.7	2.5	3.8	2.6	2.9	42.1	5.7	1395
	21-23	28.1	5.0	5.4	4.4	2.4	1.4	2.0	2.7	2.2	1.4	44.9	5.6	1395
TOTALS		21.8	5.3	5.3	4.4	3.3	2.3	2.6	3.9	4.3	3.2	43.6	6.0	11158

0-0-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

   a. Daily maximum temperature
   b. Daily minimum temperature
   c. Daily mean temperature

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

   NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\overline{X}$), and standard deviations (σx). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

	TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥	100							.2						.0
≥	95					.4	.9	1.5	.9					.3
≥	90				.2	.9	3.6	6.7	4.3	2.0				1.7
≥	85				.5	3.7	17.8	23.0	18.1	6.4	.4			6.0
≥	80				1.1	10.8	34.4	48.8	41.9	16.4	3.2			13.4
≥	75			.2	3.6	17.8	51.6	74.0	66.9	30.2	8.8	.2		21.7
≥	70				6.3	31.0	69.8	90.5	88.6	53.6	16.8	1.1		30.6
≥	65		.3	.7	10.7	47.7	86.2	97.4	96.8	72.0	32.9	3.3		38.2
≥	60		.5	2.1	24.5	67.1	93.6	99.8	99.4	88.2	51.8	10.7	1.1	45.9
≥	55	.5		5.1	40.4	83.4	98.2	100.0	100.0	97.8	74.4	24.7	2.8	53.4
≥	50	1.8	2.8	13.6	61.7	94.6	99.8			100.0	90.1	44.0	7.7	60.8
≥	45	6.2	7.6	29.7	82.8	98.3	100.0				97.4	65.8	14.6	68.0
≥	40	15.0	21.0	56.0	97.3	99.8					99.4	83.1	32.3	76.3
≥	35	36.1	44.8	81.3	99.8	100.0					99.8	96.0	50.5	84.8
≥	30	61.2	68.1	95.2	100.0						100.0	99.3	70.8	91.6
≥	25	76.7	85.3	98.4								100.0	85.6	95.5
≥	20	88.2	92.9	99.3									95.3	98.1
≥	15	95.2	97.7	100.0									98.1	99.3
≥	10	98.8	99.5										99.6	99.8
≥	5	99.3	100.0										99.8	99.9
≥	0	100.0											100.0	100.0
≥														
≥														
≥														
≥														
≥														
≥														
≥														
≥														
≥														
≥														
≥														
MEAN		31.8	35.9	41.3	57.8	69.9	74.8	79.1	77.7	70.6	58.7	48.6	33.0	55.6
S.D.		9,883	8,898	7,936	9,829	10,478	9,389	7,133	7,000	8,787	9,892	8,883	9,934	19,278
TOTAL OBS.		493	496	496	441	465	480	465	465	480	465	480	465	5570

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

04743 PEASE APB N H/PORTSMOUTH 56-70
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

	TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥	75							.4	.2					.1
≥	70					.2	1.3	4.3	3.7	1.1				.9
≥	65					.9	8.0	23.4	18.1	5.1				4.8
≥	60					3.0	26.4	61.1	50.8	18.7	.9			13.8
≥	55				.2	8.2	53.8	88.4	79.8	37.6	6.7	.2		28.5
≥	50				.7	28.6	85.8	98.3	95.9	63.6	17.8	3.8		43.7
≥	45			.2	6.3	55.1	97.3	100.0	99.6	82.9	40.4	11.8	.4	62.2
≥	40	.2	.8	2.1	27.2	80.4	100.0		100.0	94.7	61.5	22.4	2.6	80.4
≥	35	2.5	2.5	10.6	54.0	95.7				99.8	83.4	41.8	7.3	89.3
≥	33	4.4	3.5	20.3	69.8	99.4					91.0	52.0	11.6	93.8
≥	30	10.9	10.1	38.0	86.4	99.8				100.0	95.7	68.4	20.4	96.2
≥	25	23.6	24.8	66.4	98.2	100.0					99.6	87.8	36.8	99.0
≥	20	36.5	40.5	84.1	99.5						100.0	96.9	55.9	85.1
≥	15	52.4	57.0	93.1	100.0							99.3	71.8	90.0
≥	10	70.4	71.6	97.5								100.0	85.8	94.1
≥	5	83.1	86.1	98.8									93.8	97.0
≥	0	92.6	94.7	100.0									98.3	98.9
≥	-5	97.2	98.7										99.6	99.6
≥	-10	99.3	100.0										100.0	99.9
≥	-15	99.8												100.0
≥	-20	100.0												100.0
≥														
≥														
≥													

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
85							,4						,0
80					,4	2,0	4,5	3,7	1,3				1,0
75					1,1	11,6	21,5	16,6	5,6				4,8
70				,2	4,7	30,7	55,7	44,3	15,6	,4			13,0
65				,5	13,9	52,9	84,3	74,8	33,3	5,2			22,6
60				2,9	29,5	79,3	99,4	96,1	57,3	17,0	1,1		32,7
55			,3	9,3	50,8	95,8	100,0	99,6	80,2	35,9	4,9		40,7
50		,3	1,4	23,1	76,1	99,8		100,0	95,8	60,6	16,2	1,5	49,0
45	,5	1,0	4,1	46,9	94,8	100,0			100,0	81,1	32,4	3,9	56,6
40	3,5	2,8	21,0	77,8	99,1					95,3	57,8	11,8	65,2
35	11,5	13,4	49,8	97,1	100,0					99,4	79,6	23,9	73,9
30	30,0	32,7	76,0	99,8						100,0	94,9	43,4	82,1
25	48,7	53,2	91,5	100,0							98,7	65,2	88,6
20	65,8	70,6	97,5								100,0	80,2	93,2
15	81,3	86,3	98,8									91,8	96,7
10	92,6	94,4	99,8									97,6	98,8
5	97,5	98,5	100,0									99,4	99,6
0	99,1	100,0										99,8	99,9
-5	99,8											100,0	100,0
-10	100,0												100,0
MEAN	33,5	36,7	39,1	44,8	53,4	63,4	70,2	68,7	61,8	51,6	41,3	30,0	47,3
S.D.	9,896	9,810	7,881	6,718	7,789	6,995	5,371	5,877	7,621	7,685	7,758	9,477	18,093
TOTAL OBS.	465	379	434	441	465	450	465	465	450	465	450	465	5378

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

04743 PEASE AFB N H/PORTSMOUTH 56-70
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
56					87	95	89	90	83	84	70	52	
57	54	66	60	85	86	92	93	90	89	74	66	60	93
58	47	44	54	80	84	87	92	88	85	78	63	47	92
59	58	50	67	71	90	95	89	95	94	83	73	52	95
60	50	49	59	75	81	90	90	92	92	72	64	52	92
61	48	60	60	69	83	90	87	85	89	76	72	54	90
62	52	44	75	90	87	88	87	86	83	77	60	62	90
63	47	48	67	75	82	92	95	86	81	87	67	49	95
64	49	46	59	82	99	95	101	88	93	85	70	60	101
65	53	47	61	78	90	90	95	95	93	77	68	59	95
66		54	53	67	82	90	95	89	85	77	67	60	
67	58	54	68	75	80	93	87	86	81	81	69	59	93
68	46	44	60	74	77	90	95	90	82	83	59	53	95
69	48	48	54	77	87	91	91	92	92	75	57	59	92
70	44	54	50	78	87	87	92	93	90	76	63	60	93
MEAN	[illegible]												
S.D.	[illegible]												
TOTAL OBS.	[illegible]												

USAF ETAC FORM 0-8 0-8-3 (OL)

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

04743 PEASE AFB N H/PORTSMOUTH 56-70
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
56				78									MAX TEMP
				21									DAYS
66	41												MAX TEMP
	30												DAYS
MEAN													
S.D.													
TOTAL OBS.													

ETAC FORM [illegible] 0-[illegible]

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

04742 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
56					33	44	51	52	37	30	17	2	
57	-16	7	17	26	37	46	54	47	39	33	12	13	-16
58	3	-4	23	28	33	42	53	52	40	28	15	2	-4
59	-2	-3	16	27	38	45	56	50	39	27	17	9	-3
60	2	17	7	26	30	46	54	50	39	28	21	1	1
61	-10	-7	11	29	33	44	49	46	38	28	24	5	-10
62	-1	-7	4	23	35	47	48	51	38	25	23	-5	-7
63	3	-6	11	27	34	47	51	48	35	31	24	-6	-6
64	-4	1	18	19	38	44	53	49	38	33	19	2	-4
65	-10	3	15	20	37	43	47	40	35	29	19	6	-10
66		-3	16	27	29	44	49	48	36	23	21	9	
67	2	-9	0	24	31	42	54	50	40	29	18	3	-9
68	-12	-4	9	27	33	47	52	47	39	32	20	-9	-12
69	0	6	8	18	34	44	48	51	37	24	10	-1	-1
70	-5	3	15	23	36	44	54	53	43	28	20	3	-5
MEAN	[illegible]												
S.D.	[illegible]												
TOTAL OBS.	[illegible]												

USAF ETAC FORM 0-0004 (OL)

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

04743 PEASE APB N H/PORTSMOUTH 56-70
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
56				27									MIN TEMP
				21									DAYS
66	-2												MIN TEMP
	20												DAYS
MEAN													
S. D.													
TOTAL OBS.													

USAF ETAC FORM 0-80-6 (OL)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04742 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) ALL (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101															.0			1	1		
100/ 99																.0		2	2		
98/ 97														.0	.0			4	4		
96/ 95									.0	.0	.0	.0	.0	.0				29	29		
94/ 93								.0	.0	.0	.0	.0	.0					59	59		
92/ 91							.0	.0	.0	.0	.0	.0	.0	.0				107	107		
90/ 89					.0	.0	.0	.0	.1	.0	.0	.0	.0	.0				257	257		
88/ 87					.0	.0	.0	.1	.1	.1	.0	.0	.0	.0				372	372		
86/ 85				.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0				690	690		
84/ 83				.0	.0	.1	.1	.1	.1	.1	.1	.0	.0					946	946		
82/ 81			.0	.0	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0				1139	1139	1	
80/ 79			.0	.1	.2	.2	.2	.2	.2	.1	.1	.0	.0					1574	1574	14	1
78/ 77		.0	.0	.1	.2	.2	.2	.2	.2	.1	.1	.0	.0					1839	1839	118	4
76/ 75		.0	.2	.2	.3	.3	.2	.2	.2	.1	.0	.0	.0					2274	2274	436	31
74/ 73	.0	.1	.3	.3	.4	.3	.3	.2	.2	.1	.0	.0	.0					2709	2709	951	171
72/ 71	.0	.2	.4	.4	.4	.3	.3	.2	.1	.1	.0	.0						3131	3131	1639	622
70/ 69	.0	.3	.6	.5	.4	.3	.3	.2	.1	.0	.0	.0						3702	3702	2399	1254
68/ 67	.1	.6	.8	.5	.6	.4	.3	.2	.1	.0	.0	.0						4202	4202	3182	1906
66/ 65	.1	.8	.8	.6	.6	.4	.3	.2	.1	.1	.0	.0						4540	4543	4162	2760
64/ 63	.2	1.0	.8	.6	.6	.4	.3	.2	.1	.1	.0	.0						4891	4892	4820	3743
62/ 61	.1	1.1	.7	.6	.6	.4	.3	.2	.1	.1	.0							4576	4576	5152	4146
60/ 59	.2	1.2	.7	.5	.6	.4	.3	.2	.1	.1	.0							4795	4795	5335	4688
58/ 57	.2	1.1	.7	.5	.5	.4	.3	.2	.1	.0	.0							4561	4561	5570	4832
56/ 55	.3	1.2	.7	.5	.6	.4	.3	.2	.1	.0								4575	4575	5400	5084
54/ 53	.2	1.2	.6	.5	.5	.4	.3	.2	.1	.0								4432	4432	4879	4788
52/ 51	.3	1.1	.7	.4	.5	.3	.2	.1	.0	.0								4248	4248	4771	5103
50/ 49	.2	1.0	.8	.5	.4	.3	.1	.0										4273	4273	4360	4890
48/ 47	.2	1.0	.7	.5	.5	.2	.1	.0										4069	4069	4468	4823
46/ 45	.2	1.0	.7	.6	.4	.2	.0	.0										4029	4026	4577	4382
44/ 43	.2	.9	.7	.6	.5	.2	.0											4104	4104	4227	3825
42/ 41	.3	1.0	.7	.6	.3	.1	.0											4113	4113	4309	3887
40/ 39	.4	1.0	1.0	.5	.4	.1												4413	4413	4681	4096
38/ 37	.3	1.2	1.0	.5	.3	.0												4483	4483	4562	3984
36/ 35	.3	1.4	1.1	.5	.3	.0												4552	4552	4387	4161

Element (X)						No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb													
Wet Bulb													
Dew Point													

USAFETAC FORM 0-26-5 (OL-A) 20 Jul PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — ALL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
34/ 33	.4	1.6	1.3	.6	.1													5120	5120	5550	4211
32/ 31	.3	1.3	1.1	.5	.1													4252	4252	5565	4766
30/ 29	.2	1.2	1.1	.5	.0													4022	4022	4734	4633
28/ 27	.2	1.0	1.1	.3	.0													3365	3365	4290	4443
26/ 25	.2	.9	1.0	.2	.0													2958	2958	3791	4362
24/ 23	.2	.8	.8	.1														2382	2382	3360	4031
22/ 21	.2	.8	.7	.1	.0													2223	2223	2862	3657
20/ 19	.1	.8	.6	.0														2055	2068	2378	3255
18/ 17	.1	.7	.5	.0	.0													1713	1725	2176	3132
16/ 15	.1	.7	.3	.0														1466	1475	1886	2906
14/ 13	.1	.6	.2															1162	1166	1520	2530
12/ 11	.1	.6	.1															1038	1041	1289	2286
10/ 9	.1	.6	.1															944	947	1118	2044
8/ 7	.1	.4	.0															619	631	864	1792
6/ 5	.0	.3	.0															492	502	622	1728
4/ 3	.0	.3	.0															400	402	469	1686
2/ 1	.0	.2	.0															259	261	383	1185
0/ -1	.0	.1																164	164	213	961
-2/ -3	.0	.1																116	116	163	810
-4/ -5	.0	.0																81	81	99	716
-6/ -7	.0	.0																52	52	62	508
-8/ -9	.0	.0																34	34	40	451
-10/-11	.0	.0																21	21	34	420
-12/-13	.0	.0																4	4	4	365
-14/-15	.0	.0																4	4	3	211
-16/-17	.0																	1	1	2	146
-18/-19																					132
-20/-21																					96
-22/-23																					78
-24/-25																					41
-26/-27																					29
-28/-29																					22
-30/-31																					6

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) USAFETAC — STRIKE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | ALL MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	6.3	31.4	23.6	13.9	8.6	5.8	4.1	2.9	1.8	1.0	.4	.2	.1	.0	.0	.0		129032	129108	129035	129030

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						- 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	129031							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	129108	33.7	2033.9	1336.0	808.2	293.0	4.4	8760
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	129035	43.0	3456.0	382.7	101.2	.3		8760
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	129030	280.0	8760.0	244.1	13.9	.1		8760

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — JAN MONTH

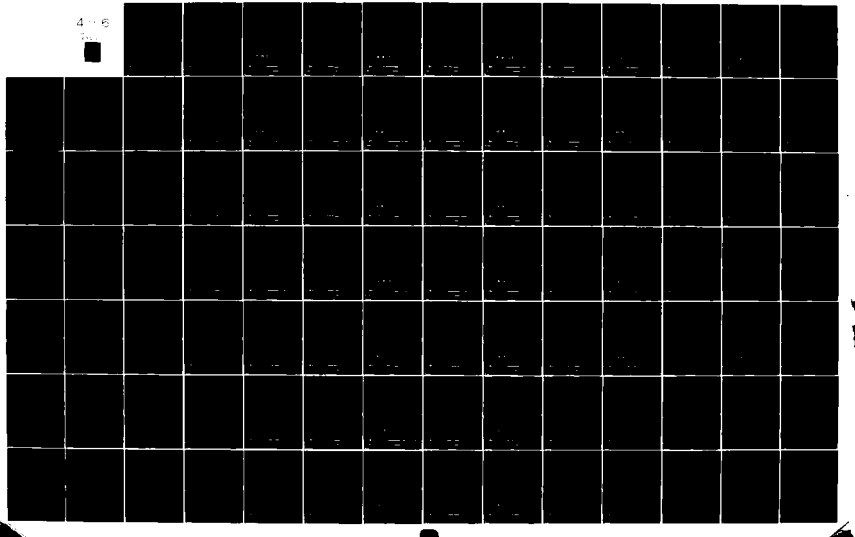
ALL HOURS (L. S. T.)

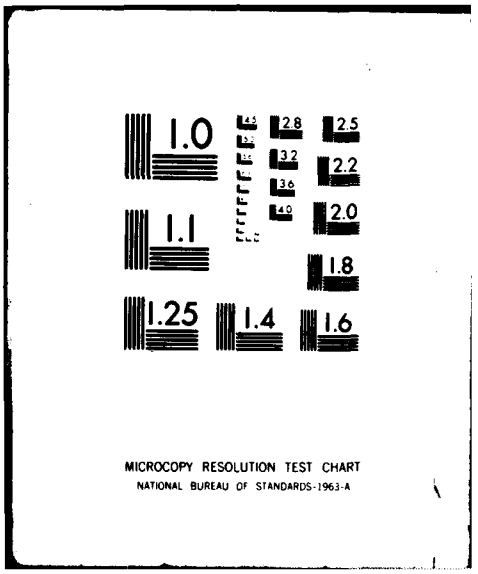
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57		.0					.0	.0										7	7		
56/ 55	.0			.0	.0	.0			.0									5	5	3	3
54/ 53	.0	.0	.0	.0	.0		.0											12	12	4	1
52/ 51	.0	.0	.0	.0		.0		.0										16	16	9	9
50/ 49	.0	.0	.1		.0	.0	.0											21	21	4	5
48/ 47	.1	.1	.0	.0	.1	.0	.0											37	37	26	10
46/ 45	.1	.1	.0	.1	.2	.1												63	63	42	23
44/ 43	.1	.3	.0	.2	.1	.0												84	84	37	34
42/ 41	.2	.5	.2	.5	.3	.1												171	171	65	40
40/ 39	.5	.9	.5	.7	.2	.0												302	302	135	116
38/ 37	.3	1.1	1.0	1.2	.2	.0												398	398	199	108
36/ 35	.5	1.6	1.6	.7	.1	.0												493	493	310	137
34/ 33	.7	3.4	2.1	1.0	.1													764	764	527	201
32/ 31	.8	2.7	2.2	1.0	.1													706	706	783	373
30/ 29	.7	3.4	2.4	.9	.0													767	767	678	345
28/ 27	.6	2.8	2.8	.8	.0													696	696	773	505
26/ 25	.5	2.5	2.4	.5														613	613	687	516
24/ 23	.5	2.4	2.5	.3														587	587	654	577
22/ 21	.4	2.8	2.3	.1														608	608	667	512
20/ 19	.6	3.0	2.7	.0														655	656	639	501
18/ 17	.4	3.1	2.1		.0													591	594	677	487
16/ 15	.7	3.0	1.6	.0														542	545	639	505
14/ 13	.3	2.5	1.2															421	422	529	512
12/ 11	.4	2.5	.9															398	400	458	492
10/ 9	.4	3.1	.4													44		410	411	469	486
8/ 7	.3	2.0	.2															264	265	374	472
6/ 5	.3	1.9	.0															223	223	265	309
4/ 3	.2	1.5	.0															176	176	221	427
2/ 1	.2	.9																120	120	174	413
0/ -1	.2	.6																78	78	107	361
-2/ -3	.2	.3																53	53	81	330
-4/ -5	.1	.2																38	38	57	295
-6/ -7	.1	.2																28	28	39	211
-8/ -9	.1	.2																26	26	28	203

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS-64 0-26-5 (OL A) USAFETAC — SUPERSEDES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A082 411 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PEASE AFB, PORTSMOUTH, NEW HAMPSHIRE. REVISED UNIFORM SUMMARY O--ETC(U)
MAY 78
UNCLASSIFIED USAFETAC/DS-80/019 NL




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

PAGE 2 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
≥10/≤11	.1	.1																21	21	30	171
≥12/≤13	.0	.0																4	4	4	156
≥14/≤15	.0	.0																4	4	3	107
≥16/≤17	.0																	1	1	3	68
≥18/≤19																					54
≥20/≤21																					36
≥22/≤23																					34
≥24/≤25																					22
≥26/≤27																					15
≥28/≤29																					13
≥30/≤31																					5
TOTAL	10.7	89.5	29.7	8.2	1.4	.3	.1	.0	.0										10413		10400
																		10402		10402	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												744
Wet Bulb												744
Dew Point												744

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — FEB MONTH

PAGE 1 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
66/ 65						.0													2	2		
64/ 63					.0	.0													2	2		
62/ 61					.0														1	1		
60/ 59					.0		.0												3	3		
58/ 57						.0													1	1	2	
56/ 55																					2	
54/ 53		.0	.0	.0	.0	.0	.0												16	16	9	
52/ 51		.0		.1	.0	.0	.0												13	13	3	3
50/ 49		.1	.0	.1	.0	.1	.0												35	35	9	5
48/ 47	.1	.1	.1	.0	.1	.1	.0												47	47	30	25
46/ 45	.1	.2	.1	.2	.1	.1	.0												71	71	32	20
44/ 43	.1	.4	.1	.2	.4	.1													122	122	49	23
42/ 41	.3	.4	.2	.3	.3	.1													168	168	88	63
40/ 39	.3	.5	.5	1.0	.4	.1													259	259	120	71
38/ 37	.4	1.0	1.1	1.1	.4	.0													378	378	165	88
36/ 35	.5	2.1	1.8	1.2	.3	.0													562	562	235	116
34/ 33	.8	3.1	2.3	1.2	.2														715	715	370	188
32/ 31	.9	2.6	2.3	1.2	.1														664	664	402	262
30/ 29	.7	2.4	2.9	1.3	.1														709	709	494	425
28/ 27	.7	2.7	2.9	1.0	.0														701	701	686	399
26/ 25	.7	2.7	3.1	.8															698	698	759	441
24/ 23	.7	2.5	2.9	.5															609	609	710	503
22/ 21	.7	2.5	2.5	.4															578	578	703	554
20/ 19	.4	2.8	2.3	.1															339	339	617	507
18/ 17	.3	2.7	1.9	.0														1195	483	487	587	483
16/ 15	.3	2.6	1.3	.0															396	398	518	508
14/ 13	.3	2.2	.9																326	327	419	505
12/ 11	.3	2.5	.7																333	333	368	468
10/ 9	.3	2.1	.3															1044	269	269	343	470
8/ 7	.2	2.1	.1																218	220	268	426
6/ 5	.2	1.5	.0																158	169	224	419
4/ 3	.1	1.3	.0																141	141	181	387
2/ 1	.1	1.0	.0															151	100	100	149	319
0/ -1	.0	.4																	35	35	97	244

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 21 64 — PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 PEASE AFB N H/PORTSMOUTH 57-70 FEB
STATION STATION NAME YEARS MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-2/ -3	.0	.4																45	45	60	247
-4/ -5	.0	.3																29	29	37	237
-6/ -7	.0	.1																16	16	21	189
-8/ -9		.1																5	5	11	169
-10/-11																				2	152
-12/-13																					126
-14/-15																					67
-16/-17																					44
-18/-19																					54
-20/-21																					42
-22/-23																					26
-24/-25																					12
-26/-27																					14
-28/-29																					9
-30/-31																					1
TOTAL	9,765	9,780	9,810	9,804	2,868	486	81												9479		9488
																		9456		9456	

Element (F)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — MAR MONTH

PAGE 1 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75										.0								2	2		
74/ 73									.0	.0								3	3		
72/ 71									.0									1	1		
70/ 69								.0										2	2		
68/ 67							.0	.0	.0									3	3		
66/ 65							.0	.0	.0									4	4		
64/ 63						.0	.0	.0	.0									8	8		
62/ 61						.0		.1										8	8		
60/ 59		.0	.0		.0	.0	.1	.0	.0									20	20		
58/ 57		.0	.0	.0	.0	.0	.1	.0	.0									29	29	10	
56/ 55	.0	.0		.0	.1	.1	.1	.0	.0									40	40	9	6
54/ 53		.0	.1	.1	.1	.2	.1	.1										72	72	9	4
52/ 51		.0	.2	.1	.2	.3	.2	.1										103	103	12	3
50/ 49	.1	.2	.1	.1	.3	.3	.2	.0										142	142	41	9
48/ 47	.1	.1	.2	.2	.3	.3	.2	.0										179	179	83	27
46/ 45	.1	.3	.3	.3	.4	.4	.1											262	262	86	37
44/ 43	.1	.6	.6	1.0	1.9	.8	.2											447	447	145	45
42/ 41	.3	1.0	1.0	1.4	1.1	.4	.0											551	551	248	90
40/ 39	.4	1.2	2.2	1.9	1.3	.4												791	791	394	169
38/ 37	.6	3.1	2.4	2.4	1.3	.1												1033	1033	628	190
36/ 35	.7	4.1	3.2	2.2	1.0	.0												1168	1169	1070	343
34/ 33	1.5	4.4	3.4	2.1	.7													1280	1280	1308	609
32/ 31	.9	3.1	3.1	1.8	.3													960	960	1372	894
30/ 29	.6	3.0	3.2	1.8	.2													878	878	1106	860
28/ 27	.6	2.0	2.6	.9	.0													635	635	947	768
26/ 25	.3	2.0	2.0	.6	.0													523	523	806	721
24/ 23	.1	1.4	1.9	.2														323	323	647	670
22/ 21	.2	1.0	1.2	.1														262	262	488	623
20/ 19	.1	.8	1.0	.1													682	211	212	296	707
18/ 17	.1	.3	.8															144	144	289	478
16/ 15	.1	.3	.4															102	102	152	361
14/ 13	.1	.4	.3															72	72	107	261
12/ 11	.0	.2	.2															44	44	74	208
10/ 9		.2	.1															41	41	66	217

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAETAC FEB 74 0-264-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | MAR MONTH

 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 7		.2	.0															23	23	49	276
6/ 5		.1																15	15	26	242
4/ 3		.1																10	10	15	194
2/ 1		.0																5	5	10	137
0/ -1		.0																3	3	5	96
-2/ -3																				1	67
-4/ -5																					59
-6/ -7																					32
-8/ -9																					27
-10/-11																					28
-12/-13																					14
-14/-15																					15
-16/-17																					12
-18/-19																					1
TOTAL	0.9	1.2	0.2	17.2	9.0	3.7	1.3	.3	.1	.0								10410	10414	10410	10410

Element (X)	Σx^1	Σx^2	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.2	304.7	.8	.4			744
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.4	488.4					744
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88.1	488.1					744

FORM 0-264-5 (OL-A) USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | APR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89														.0				5	5		
88/ 87													.0					1	1		
86/ 85														.0				1	1		
84/ 83												.0	.0					5	5		
82/ 81											.0		.0					4	4		
80/ 79										.0	.0	.0						5	5		
78/ 77								.0	.0	.1	.0	.0						19	19		
76/ 75							.0	.0	.0	.0	.1							19	19		
74/ 73						.0	.0	.1	.0	.0	.1	.0						28	28		
72/ 71					.0	.0	.0	.0	.0	.0	.0							26	26		
70/ 69				.0	.0	.1	.0	.1	.0	.1	.0	.0						38	38		
68/ 67			.0	.0	.0	.1	.1	.0	.1	.1	.0							39	39		
66/ 65			.0	.0	.0	.1	.1	.2	.1	.0	.0							61	61		
64/ 63			.1	.1	.2	.1	.1	.2	.1	.1								106	106	25	
62/ 61		.0	.1	.2	.1	.2	.3	.2	.2	.1								145	145	34	
60/ 59		.1	.1	.2	.2	.4	.4	.3	.3	.1								229	229	47	9
58/ 57		.2	.3	.3	.3	.6	.5	.5	.2	.0								315	315	78	20
56/ 55	.0	.4	.2	.3	.6	.6	.7	.3	.1									381	381	140	41
54/ 53	.1	.4	.3	.5	.5	.9	.8	.5	.0									427	427	141	94
52/ 51	.1	.5	.4	.6	.7	1.2	.7	.2	.0									480	480	232	126
50/ 49	.3	.7	.8	.8	1.3	1.2	.7	.2										626	626	334	149
48/ 47	.3	1.2	1.3	1.2	1.7	1.0	.3	.0										748	748	460	196
46/ 45	.4	1.4	1.7	1.8	1.5	1.1	.3	.0										873	874	630	274
44/ 43	.6	2.2	2.2	2.0	1.8	.7	.1											1047	1047	811	308
42/ 41	1.1	3.0	2.3	1.8	1.3	.4	.0											1118	1118	1139	495
40/ 39	1.4	3.5	2.7	1.7	.7	.2												1082	1082	1466	727
38/ 37	.7	3.5	2.1	1.2	.4	.2												839	839	1279	869
36/ 35	.8	2.6	1.7	.9	.3	.0												636	636	1191	918
34/ 33	.7	2.3	1.6	.6	.2													573	573	941	883
32/ 31	.3	1.6	1.0	.4	.1													333	333	646	882
30/ 29	.2	.9	.4	.2	.0													193	193	467	919
28/ 27	.1	.4	.2	.1	.0													103	103	299	768
26/ 25	.0	.1	.1	.0														28	28	127	707
24/ 23		.1	.1	.0														19	19	79	602

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-264-5 (OL-A) USAFETAC

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — APR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
22/ 21		.0	.1															9	9	31	440
20/ 19		.0	.0															10	10	18	289
18/ 17		.0																2	2	19	212
16/ 15																				5	172
14/ 13																					145
12/ 11																					104
10/ 9																					74
8/ 7																					75
6/ 5																					68
4/ 3																					43
2/ 1																					17
0/ -1																					7
-2/ -3																					3
TOTAL	6.5	28.5	19.9	15.5	12.6	9.1	5.3	3.1	1.4	.0	.2	.1	.1	.1					10604		10603
																		10603		10603	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb							69.3	14.3	5.9	1.4		330
Wet Bulb							116.1					330
Dew Point						.2	121.4					330

USAFETAC FORM 0-36-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — MAY MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99																.0		1	1		
98/ 97														.0	.0			2	2		
96/ 95												.0	.0	.0				4	4		
94/ 93											.0	.0						5	5		
92/ 91											.0	.0						3	3		
90/ 89							.0			.0			.0					9	9		
88/ 87								.0	.0	.0	.0	.1	.0	.0				22	22		
86/ 85							.1	.1	.1	.0	.1	.0	.0					42	42		
84/ 83						.0	.0	.1	.1	.1	.1	.1	.0					49	49		
82/ 81						.0	.1	.2	.1	.1	.1	.1	.0	.0				76	76		
80/ 79					.0	.1	.1	.1	.1	.1	.2	.1	.1					103	103		
78/ 77				.0	.0	.1	.1	.2	.1	.1	.2	.0	.0					100	100	1	
76/ 75			.0	.0	.1	.2	.2	.2	.2	.2	.1	.0	.0					147	147		
74/ 73			.0	.0	.2	.1	.3	.3	.3	.2	.1	.0	.0					181	181	20	1
72/ 71		.0	.1	.1	.2	.3	.3	.3	.3	.2	.1	.0						222	222	48	
70/ 69		.0	.2	.3	.3	.2	.4	.3	.3	.2	.1	.1						288	288	69	11
68/ 67		.1	.4	.3	.4	.3	.4	.3	.4	.2	.1	.0						387	387	111	30
66/ 65	.0	.1	.4	.3	.4	.3	.4	.3	.3	.2	.0							425	425	164	39
64/ 63		.4	.3	.4	.4	.3	.3	.4	.3	.2	.1							489	489	232	104
62/ 61	.0	.4	.3	.4	.4	.3	.4	.3	.4	.2	.1							561	561	304	169
60/ 59	.0	.5	.7	.6	1.1	.3	.3	.3	.4	.2	.0							639	639	381	222
58/ 57	.2	.9	.9	1.0	.9	1.0	.3	.4	.4	.2	.0							713	713	516	282
56/ 55	.2	1.6	1.2	.9	1.0	1.0	.9	.2	.1									798	798	660	327
54/ 53	.4	2.1	1.4	1.2	1.2	.9	.8	.3	.0									901	901	824	462
52/ 51	1.0	2.0	1.3	1.4	1.1	.9	.4	.1										963	963	1008	694
50/ 49	.4	2.8	1.9	1.2	1.0	.4	.2	.0										922	922	1083	885
48/ 47	.3	2.4	1.7	1.3	.9	.4	.1											843	843	1142	907
46/ 45	.4	3.0	1.3	1.0	.6	.2	.0											784	784	1081	878
44/ 43	.4	2.3	1.0	.6	.4	.2	.0											568	568	1098	906
42/ 41	.4	1.4	.8	.4	.2	.0												389	389	877	908
40/ 39	.4	.9	.4	.4	.1	.0												281	281	606	882
38/ 37	.2	.4	.2	.2	.0													136	136	388	721
36/ 35	.1	.4	.2	.1	.0													93	93	262	600
34/ 33	.0	.2	.1	.0														44	44	149	388

Element (X)	$\Sigma_n X$	$\Sigma_n X^2$	$\bar{X}$	r_n	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 50-70 YEARS | MAY MONTH

PAGE 2 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
32/ 31		.0	.0																3	3	55	428
30/ 29		.0																	2	2	16	373
28/ 27																					4	327
26/ 25																						216
24/ 23																						149
22/ 21																						105
20/ 19																						77
18/ 17																						53
16/ 15																						18
14/ 13																						18
12/ 11																						9
10/ 9																						5
8/ 7																						1
TOTAL	3.1	2.9	3.9	3.2	2.0	9.3	7.8	5.8	3.8	2.0	1.3	.6	.2	.0	.0	.0			11160	11160	11160	11160
																			11160		11160	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.					11160							
Dry Bulb					11160		.3	169.8	48.7	17.0	.2	744
Wet Bulb					11160		8.0	18.3	1.0			744
Dew Point					11160		188.4	2.8	.1			744

USAETAC FORM 20-84 0-36-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — JUN MONTH

 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93									.0	.0		.0	.0					7	7		
94/ 93									.0	.0	.0	.0						11	11		
92/ 91								.0	.0	.0	.1	.0	.0					23	23		
90/ 89							.0	.1	.2	.1	.1	.0	.1	.0				80	80		
88/ 87					.0	.0	.1	.1	.3	.2	.1	.0	.0	.0				87	87		
86/ 85						.1	.1	.4	.4	.2	.1	.1	.1	.0				162	162		
84/ 83					.0	.2	.3	.4	.4	.4	.2	.1	.1					220	220		
82/ 81				.0	.1	.4	.4	.3	.3	.3	.2	.1						267	267		
80/ 79				.1	.2	.3	.3	.4	.5	.3	.2	.1						309	309	2	
78/ 77			.0	.2	.4	.4	.4	.4	.3	.4	.2	.0						389	389	18	
76/ 75		.0	.1	.4	.7	.6	.6	.5	.5	.2	.1	.0						415	415	49	2
74/ 73		.1	.3	.8	.8	.7	.5	.5	.3	.3	.0							465	465	130	14
72/ 71		.2	.8	1.1	.9	.7	.7	.4	.4	.1	.0	.0						574	574	248	51
70/ 69	.1	.3	1.2	1.4	1.0	.7	.8	.6	.2	.1	.0							729	729	493	143
68/ 67	.1	.9	1.4	1.2	1.0	1.0	.5	.5	.2	.1	.0							738	738	614	306
66/ 65	.2	1.6	1.7	1.6	1.1	.9	.5	.3	.1	.0	.0							858	858	751	510
64/ 63	.3	1.6	1.7	1.1	1.0	.7	.4	.1	.0	.0								762	762	942	724
62/ 61	.2	1.7	1.6	1.2	1.1	.8	.3	.1	.0									725	725	930	706
60/ 59	.2	2.6	1.6	1.6	1.1	.4	.2	.0										806	806	1012	771
58/ 57	.2	3.6	1.9	1.1	.6	.2	.0	.0										811	811	1062	879
56/ 55	1.0	3.8	1.3	1.0	.4	.1	.0											834	834	1248	1169
54/ 53	.6	2.9	1.3	.6	.1	.0	.0											592	592	1138	1039
52/ 51	.6	2.2	1.0	.4	.0	.0	.0											472	472	848	1096
50/ 49	.2	1.5	.3	.1	.0													252	252	625	867
48/ 47	.0	.7	.3	.0														112	112	346	781
46/ 45	.2	.3	.1															69	69	218	604
44/ 43	.1	.1	.0															26	26	64	439
42/ 41		.0	.0															3	3	23	299
40/ 39																				6	105
38/ 37																				1	37
36/ 35																					21
34/ 33																					22
32/ 31																					14
30/ 29																					20

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

06743	PEASE AFB N H/PORTSMOUTH	56-70	JUN
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — HOURS (L. S. T.) ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
28/ 27																					11
26/ 25																					7
24/ 23																					1
22/ 21																					2
TOTAL	4.0	24.1	17.2	13.9	10.6	8.3	6.7	5.6	4.4	2.9	1.4	.6	.2	.1				10798	10798	10800	10800

Element (X)	Σ_{g^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb								208.8	148.4	67.8	1.2	
Wet Bulb								188.9	134.4			
Dew Point							3.7	36.4	3.1			

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE APB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUL (MONTH)

PAGE 1 ALL (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
102/101															.0			1	1		
100/ 99																.0		1	1		
98/ 97														.0				1	1		
96/ 95										.0	.0	.1						12	12		
94/ 93									.0	.0	.1	.1	.0					27	27		
92/ 91							.0	.0	.2	.2	.1							46	46		
90/ 89					.0		.1	.3	.2	.2	.1	.0	.0					89	89		
88/ 87					.0	.1	.2	.3	.3	.3	.0	.1	.0					139	139		
86/ 85				.0	.0	.2	.5	.5	.4	.2	.1	.0	.0					231	231		
84/ 83				.0	.2	.3	.6	.6	.4	.3	.2	.1	.0					309	309		
82/ 81			.0	.2	.4	.5	.7	.5	.6	.3	.2	.0						353	353	1	
80/ 79			.1	.4	.7	.8	.7	.7	.6	.5	.2	.0						511	511	6	1
78/ 77		.0	.3	.7	.9	.7	.8	.7	.9	.3	.2	.0						603	603	34	3
76/ 75		.1	.6	1.0	1.1	.9	.8	.8	.4	.2	.1	.0						703	703	179	14
74/ 73	.0	.5	1.1	1.4	1.3	1.0	1.0	.6	.4	.1	.0							838	838	347	70
72/ 71	.0	1.0	1.3	1.6	1.2	.9	.7	.4	.2	.1								852	852	615	278
70/ 69	.1	1.3	2.2	1.8	1.2	1.0	.6	.3	.1	.0								956	956	861	477
68/ 67	.3	2.4	3.1	1.6	1.2	.6	.3	.1	.1									1120	1120	1001	686
66/ 65	.8	3.2	2.6	1.8	1.1	.5	.2	.1										1136	1139	1401	994
64/ 63	.6	3.7	2.6	1.6	.5	.2	.1	.0										993	996	1485	1229
62/ 61	.3	3.9	1.9	1.3	.3	.1	.0											883	883	1343	1276
60/ 59	.5	2.9	1.3	.9	.2	.1												648	648	1360	1311
58/ 57	.2	1.4	.8	.3	.2	.0												312	312	1054	1178
56/ 55	.2	.9	.5	.2	.0													204	204	618	1039
54/ 53	.2	.4	.3	.1														107	107	328	799
52/ 51	.0	.2	.2	.0														55	55	164	494
50/ 49		.1	.0															18	18	87	428
48/ 47		.1	.0															7	7	42	256
46/ 45																				8	193
44/ 43																					106
42/ 41																					62
40/ 39																					33
38/ 37																					20
36/ 35																					7

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 30-54 0-26-5 (OL A) USAETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06763 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | JUL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
34/ 33																					1
32/ 31																					1
TOTAL	3.1	22.2	19.3	14.6	10.6	7.9	7.4	5.8	4.5	2.7	1.3	.4	.1	.0	.0	.0		11159	11159	11156	11156

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	617013[illegible]	806983	72.2	18.805	11156							
Dry Bulb	84[illegible]	777354	69.7	8.189	11159			682.8	257.6	96.9	2.8	744
Wet Bulb	64[illegible]	704639	63.2	5.630	11156			704.3	39.1	.1		744
Dew Point	39[illegible]	661017	59.3	8.661	11156		.1	702.0	3.9	.1		744

USAFETAC FORM 0-26-5 (OL A) AUG 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | AUG MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95									.0	.0	.0	.0	.0					6	6		
94/ 93								.0	.0	.1	.0							12	12		
92/ 91								.0	.1	.1	.0	.0	.0	.0				29	29		
90/ 89							.0	.1	.2	.1	.0	.0	.0					50	50		
88/ 87						.0	.2	.1	.3	.1	.0	.0						84	84		
86/ 85					.1	.2	.5	.3	.4	.2	.0	.1	.0					194	194		
84/ 83					.1	.6	.4	.5	.4	.3	.1	.0						273	273		
82/ 81			.0	.1	.3	.6	.7	.6	.4	.2	.0	.0						328	328		
80/ 79			.0	.2	.7	.7	.9	.6	.4	.3	.1							439	439	2	
78/ 77			.2	.5	.6	.9	1.0	.7	.4	.2	.1							495	495	28	
76/ 75		.1	.6	1.0	1.1	1.0	.7	.6	.4	.3	.0							638	638	126	7
74/ 73		.4	.8	1.3	1.4	.7	.6	.7	.5	.2	.0							750	750	321	36
72/ 71	.0	.7	1.3	1.6	1.3	.9	.8	.8	.4	.0								867	867	496	200
70/ 69	.1	1.3	2.0	2.1	.9	.8	.9	.5	.2									980	980	689	412
68/ 67	.1	2.0	3.1	1.3	1.0	1.0	.4	.3	.0									1034	1034	1004	579
66/ 65	.4	2.7	2.8	1.6	1.1	.6	.3	.0										1067	1067	1278	813
64/ 63	.5	2.9	2.7	1.4	.7	.4	.1	.0										988	988	1354	1180
62/ 61	.5	3.5	2.1	1.3	.6	.2	.0	.1										911	911	1264	1263
60/ 59	.7	3.1	1.7	.9	.4	.1	.0											758	758	1388	1286
58/ 57	.5	2.0	1.2	.7	.1	.1	.0											508	508	1264	1188
56/ 55	.2	1.1	1.0	.3	.1	.0												308	308	800	984
54/ 53	.0	.9	.7	.2	.0	.0												196	196	469	801
52/ 51	.0	.5	.6	.0	.0													134	134	308	653
50/ 49	.0	.3	.2	.0	.0													65	65	189	417
48/ 47	.0	.2	.0	.0														27	27	118	458
46/ 45		.0	.0	.0														6	6	33	252
44/ 43			.0	.0														8	8	7	170
42/ 41			.0	.0														4	4	6	73
40/ 39			.0															1	1	9	31
38/ 37																				6	11
36/ 35																				1	14
34/ 33																					25
32/ 31																					7

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | AUG MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.3	21.7	21.1	14.6	10.4	8.8	7.4	6.0	4.1	2.0	.5	.2	.1	.0				11160	11160	11160	11160

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	72.8	7.429	11160							
Dry Bulb	[illegible]	[illegible]	68.2	8.394	11160			411.9	219.9	80.3	1.3	744
Wet Bulb	[illegible]	[illegible]	62.8	6.004	11160			177.7	91.8	.1		744
Dew Point	[illegible]	[illegible]	58.1	7.210	11160		.2	82.3	2.9			744

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — SEP MONTH

PAGE 1 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93								.0		.0								4	4		
92/ 91									.0	.0		.0						6	6		
90/ 89						.0	.0	.0	.1	.1								24	24		
88/ 87						.1	.1	.1	.1	.0								38	38		
86/ 85					.0	.1	.1	.2	.0	.1								56	56		
84/ 83				.0	.1	.1	.2	.2	.1	.1	.0	.0						83	83		
82/ 81			.0	.1	.2	.2	.1	.2	.1	.0	.0							99	99		
80/ 79			.0	.2	.3	.3	.3	.2	.2	.0	.0							176	176	4	
78/ 77		.0	.1	.3	.2	.3	.3	.3	.2	.1								190	190	17	1
76/ 75		.1	.2	.4	.4	.4	.3	.3	.3	.1								276	276	82	8
74/ 73		.3	.6	.4	.5	.4	.3	.4	.3	.1	.0							354	354	113	50
72/ 71	.0	.4	.9	.6	.7	.5	.6	.4	.2	.0	.0							490	490	232	93
70/ 69	.1	.8	1.0	.7	.6	.7	.5	.6	.1	.0								560	560	301	211
68/ 67	.1	.9	1.2	.8	.8	.8	.7	.4	.1	.0								634	634	419	304
66/ 65	.2	1.6	1.2	1.1	.8	.6	.6	.3	.2									711	711	470	368
64/ 63	.3	2.0	1.4	1.3	1.0	.8	.6	.1	.0	.0								826	826	635	487
62/ 61	.6	2.1	1.2	1.3	1.0	.8	.3	.1	.0									790	790	801	606
60/ 59	.6	2.4	1.9	1.2	1.1	.7	.6	.1										907	907	862	650
58/ 57	.4	2.7	1.8	1.3	.9	.5	.3	.0										872	872	934	705
56/ 55	.8	2.7	2.0	1.2	.8	.4	.1	.0										842	842	1098	808
54/ 53	.3	2.9	1.6	1.0	.5	.2	.1											744	744	961	873
52/ 51	.3	2.4	1.4	.9	.3	.1	.0											588	588	992	892
50/ 49	.4	2.0	1.6	.7	.1	.1												526	526	800	845
48/ 47	.2	1.8	1.1	.4	.1	.0												348	348	668	864
46/ 45	.1	1.2	.8	.1	.1													250	250	530	693
44/ 43	.1	.6	.4	.1	.0													139	139	327	621
42/ 41	.2	.3	.3	.1														116	116	221	326
40/ 39	.2	.4	.1	.1														94	94	121	285
38/ 37	.1	.2	.1															37	37	104	297
36/ 35		.1	.0															16	16	60	220
34/ 33	.0	.0																3	3	25	129
32/ 31		.0																1	1	3	96
30/ 29																					46
28/ 27																					48

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) 20 64 — USAFETAC — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06743 (STATION) PEASE APB N H/PORTSMOUTH (STATION NAME) 50-70 (YEARS) SEP (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
26/ 25																					21
24/ 23																					4
22/ 21																					2
TOTAL	9.4	27.9	21.0	14.4	10.4	8.1	6.1	3.9	2.0	.6	.2	.0							10800		10800
																		10800		10800	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	76.4	12.403	10800							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		.1	199.9	87.1	26.9	.2	720
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		.2	77.9	14.4	.1		720
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		16.3	66.8	3.9			720

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) OCT (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
88/ 87												.0							1	1		
86/ 85												.0	.0						4	4		
84/ 83								.0	.0	.0	.0	.0	.0						7	7		
82/ 81								.0	.0	.0	.0	.0	.0						12	12		
80/ 79						.0	.0	.1	.1	.0	.0	.0							31	31		
78/ 77						.0	.0	.1	.1	.1	.0	.0							43	43		
76/ 75				.0	.1	.1	.1	.1	.1	.1	.0								72	72		
74/ 73				.0	.1	.1	.2	.2	.0	.0	.0								84	84		
72/ 71			.0	.1	.1	.1	.2	.1	.1	.1									95	95		
70/ 69		.0	.1	.1	.2	.2	.2	.2	.1	.0									134	134	6	
68/ 67		.1	.2	.1	.4	.4	.2	.3	.1	.0	.0								207	207	33	1
66/ 65	.0	.2	.3	.3	.3	.3	.4	.2	.1	.0									242	242	88	16
64/ 63	.0	.5	.3	.6	.4	.5	.4	.3	.1	.0									357	357	131	66
62/ 61	.1	1.0	.7	.8	.6	.6	.6	.2	.0										471	471	233	116
60/ 59	.3	1.8	.8	.7	.8	.6	.6	.2	.0										642	642	410	201
58/ 57	.6	2.1	1.2	.9	.7	.9	.6	.2	.1										796	796	554	329
56/ 55	.7	2.1	1.2	1.2	1.1	1.1	.4	.1	.0										870	870	648	336
54/ 53	.6	2.3	1.4	1.3	1.1	.9	.5	.1											919	919	745	368
52/ 51	.6	2.1	1.6	1.4	1.1	.8	.2	.1											876	876	782	627
50/ 49	.4	2.2	2.1	1.6	1.1	.6	.2	.0											914	914	832	862
48/ 47	.4	2.2	1.8	1.4	1.1	.4	.0												813	813	955	979
46/ 45	.3	2.2	1.8	1.7	.8	.4	.0												796	796	1072	771
44/ 43	.3	1.6	1.6	1.1	.6	.1													603	603	918	692
42/ 41	.2	1.3	1.4	1.0	.6	.0													510	510	769	726
40/ 39	.3	1.2	1.3	1.3	.3	.0													500	500	783	790
38/ 37	.2	1.3	1.2	.7	.1														404	404	584	679
36/ 35	.1	1.2	1.1	.4	.0														324	324	560	721
34/ 33	.0	.7	1.0	.1	.0														212	212	445	594
32/ 31	.0	.6	.3	.1															105	105	270	613
30/ 29		.4	.1	.0															58	58	208	490
28/ 27	.0	.2	.1	.0															31	31	89	392
26/ 25		.1	.1																19	19	86	282
24/ 23		.0																	5	5	20	294
22/ 21																					8	128

Element (X)	s_{x^2}	s_x	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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04763 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | OCT MONTH

PAGE 2 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
20/ 19																					96
18/ 17																					88
16/ 15																					32
14/ 13																					24
12/ 11																					21
10/ 9																					7
TOTAL	5.1	27.6	21.0	16.9	11.5	8.5	4.6	2.5	1.0	.4	.2	.1	.0					11159	11159	11159	11159

Element (X)	$\bar{X}_{\bar{X}}'$	$\bar{X}_{\bar{X}}$	$\bar{X}$	$\sigma_{\bar{X}}$	No. Obs.	Mean No. of Hours with Temperature						
Ext. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb							14.8	66.0	16.9	2.7		366
Wet Bulb							44.4	2.4				366
Dew Point							138.4	.1				366

FORM 0-26-5 (OL A) SPECIFY PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) NOV (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75						.0	.0											2	2		
74/ 73					.0	.0												2	2		
72/ 71					.0													4	4		
70/ 69			.0	.1	.0	.0		.0	.0									15	15		
68/ 67				.1	.0	.0		.0	.0									20	20		
66/ 65		.0	.1	.1	.0	.0	.0	.0	.0									34	34	8	
64/ 63		.0	.1	.2	.0	.1	.0	.0		.0	.0							60	60	16	5
62/ 61	.0	.2	.2	.0	.1	.1	.0	.0	.0	.0								79	79	23	10
60/ 59	.0	.3	.1	.0	.2	.1	.1	.1	.0									109	109	75	38
58/ 57	.1	.7	.3	.2	.2	.1	.1	.0										180	180	93	81
56/ 55	.3	1.2	.3	.2	.3	.3	.2	.0	.0									297	297	157	138
54/ 53	.3	1.9	.6	.3	.3	.3	.2	.0	.0									382	382	233	174
52/ 51	.4	1.8	.7	.4	.4	.4	.2	.0										470	470	355	259
50/ 49	.6	2.1	1.3	.9	.6	.5	.1											667	667	381	270
48/ 47	.2	3.2	1.4	1.0	1.0	.6	.0											789	789	490	300
46/ 45	.3	2.1	1.3	1.1	.9	.4	.0											680	680	628	437
44/ 43	.5	2.3	1.3	1.6	1.0	.3	.0											763	763	654	407
42/ 41	.7	2.0	1.7	1.6	1.0	.1												753	753	708	485
40/ 39	.5	2.2	2.5	1.7	.9	.1												849	849	792	533
38/ 37	.6	2.7	2.6	2.0	.7	.0												911	911	850	628
36/ 35	.7	2.6	2.6	1.8	.4	.0												881	881	930	620
34/ 33	.5	2.1	2.8	1.6	.2													734	734	897	648
32/ 31	.4	2.3	2.4	.9	.1													681	681	907	695
30/ 29	.2	2.0	2.2	.7	.0													594	594	789	673
28/ 27	.0	1.3	1.8	.1														354	354	640	689
26/ 25	.1	1.1	.9	.0														227	227	486	612
24/ 23	.1	.7	.3															120	120	352	659
22/ 21	.0	.3	.1															75	75	149	488
20/ 19	.0	.3	.1															61	62	88	401
18/ 17		.2	.0															33	33	88	447
16/ 15		.1	.0															10	10	31	416
14/ 13	.0	.0	.0															7	7	7	288
12/ 11		.0	.0															4	4	9	301
10/ 9																				8	94

Statistics (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) NOV (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 7																					54
6/ 5																					27
4/ 3																					18
2/ 1																					10
0/ -1																					8
-2/ -3																					4
-4/ -5																					10
-6/ -7																					2
-8/ -9																					1
TOTAL	6.3	36.0	28.0	16.2	8.5	3.5	1.0	.3	.1	.0	.0								10800		10799
																		10799		10799	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 90 F	≥ 93 F	Total
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		198.0	2.0	.2			720
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		184.0					720
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.7	321.3					720

USAETAC FORM 0-36-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) DEC (MONTH)

PAGE 1 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61									.0									2	2		
60/ 59		.0	.1	.0	.0	.0		.0										24	24		
58/ 57		.0	.0	.0	.0	.0		.0										17	17	3	
56/ 55		.1	.1	.0	.1		.0		.0									26	26	17	3
54/ 53	.0	.3	.1	.0	.0	.0	.0		.0									54	54	20	12
52/ 51	.0	.2	.2	.1	.1	.1	.0	.0										78	78	56	39
50/ 49	.0	.3	.1	.1	.1	.1	.0	.0										85	85	45	38
48/ 47	.2	.3	.2	.2	.2	.0												117	117	83	60
46/ 45	.2	.7	.5	.2	.1	.1	.1											199	199	97	80
44/ 43	.2	.8	.9	.5	.2	.1												297	297	168	64
42/ 41	.3	.9	.8	.7	.4	.1	.0											360	360	225	133
40/ 39	.4	1.2	1.1	1.0	.4	.0												456	456	311	174
38/ 37	.4	1.5	1.2	1.1	.3													507	507	368	226
36/ 35	.5	2.0	2.1	1.1	.2													457	457	488	297
34/ 33	.6	2.9	2.1	1.1	.2													775	775	674	356
32/ 31	.6	2.9	2.0	1.2	.1													829	829	817	481
30/ 29	.5	3.0	2.9	1.1	.1													859	859	776	502
28/ 27	.9	3.0	2.9	.8														845	886	889	559
26/ 25	.7	3.0	3.3	.6														850	850	900	698
24/ 23	.6	3.1	2.8	.2														717	717	898	572
22/ 21	.9	3.1	2.0	.2	.0													691	691	869	589
20/ 19	.4	2.9	1.8	.1												2715		579	584	708	682
18/ 17	.4	2.6	1.1	.0	.0													460	463	602	694
16/ 15	.5	2.5	.6															416	420	541	696
14/ 13	.3	2.3	.4															329	331	418	609
12/ 11	.3	1.3	.1															265	280	385	586
10/ 9	.3	1.3	.1													631		228	230	297	619
8/ 7	.2	.8	.0															118	123	179	478
6/ 5	.2	.7	.0															96	99	109	463
4/ 3	.1	.4																73	78	88	368
2/ 1	.0	.3																34	34	39	289
0/ -1	.0	.2														70		27	27	31	221
-2/ -3		.2																18	18	23	199
-4/ -5	.0	.1																14	14	28	118

Statistic (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

04743 PEASE AFB N H/PORTSMOUTH 56-70 DEC
STATION STATION NAME YEARS MONTH

PAGE 2 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-6/ -7	.0	.1																8	8	8	74
-8/ -9		.0																3	3	4	51
-10/-11																				2	69
-12/-13																					49
-14/-15																					22
-16/-17																					20
-18/-19																					23
-20/-21																					18
-22/-23																					18
-24/-25																					7
TOTAL	10.4	45.9	30.0	10.4	2.5	.5	.1	.1	.0									11130	11160	11130	11128

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — JAN MONTH

 0000-0300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 91	.1	.1		.2														5	5	2	1
80/ 49																					1
48/ 47																				2	
46/ 45	.1	.2																4	4	4	3
44/ 43		.1		.1														2	2	1	1
42/ 41	.4	.4	.1	.2														13	13	8	6
40/ 39	.2	1.1	.2	.2														22	22	15	9
38/ 37	.2	1.1	.7	.2														27	27	13	15
36/ 35	.8	2.3	1.2	.5														64	64	33	16
34/ 33	.5	3.8	1.3	.8														81	81	92	32
32/ 31	.9	3.8	1.8	.2														88	88	88	43
30/ 29	.7	3.5	2.8															87	87	80	48
28/ 27	1.2	2.2	1.9	.4														74	74	88	64
26/ 25	.7	2.2	1.4	.2														58	58	78	62
24/ 23	.7	3.7	1.7															79	79	61	55
22/ 21	.7	3.8	1.6															80	80	83	32
20/ 19	1.2	4.2	1.5															90	90	85	66
18/ 17	.5	4.1	1.0															72	72	90	65
16/ 15	.8	4.2	.9															77	77	75	66
14/ 13	.6	3.8	1.0															70	70	75	58
12/ 11	.8	3.8	.2															63	64	69	52
10/ 9	.3	4.3	.3															67	67	71	54
8/ 7	.2	2.4	.5															40	41	49	74
6/ 5	.4	2.7																40	40	53	87
4/ 3	.2	2.4																33	33	34	43
2/ 1	.2	1.0																16	16	30	41
0/ -1	.3	1.0																17	17	17	49
-2/ -3	.1	.8																11	11	14	48
-4/ -5	.3	.2																10	10	14	45
-6/ -7	.1	.2																4	4	3	31
-8/ -9		.2																3	3	2	16
-10/-11	.2	.1																3	3	3	23
-12/-13																					20
-14/-15																					12

Element (X)	$\Sigma x'$	Σx_i	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Bal. Hem.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAETAC FORM 0-26-5 (OL A) 2-74 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06763	PEASE AFB N H/PORTSMOUTH	57-70	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
≥16/≤17																						10
≥18/≤19																						10
≥20/≤21																						5
≥22/≤23																						3
≥24/≤25																						5
≥26/≤27																						3
≥28/≤29																						1
TOTAL	13.7	23.7	19.9	2.7																1302		1300
																			1300		1300	

Element (X)	$\Sigma_n X'$	$\Sigma_n X$	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1300							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.4	72.4					93
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.1	88.4					93
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20.4	84.9					93

USAFETAC FORM 0-3-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — JAN MONTH

 0300-0900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53	.1			.1														2	2	1	
52/ 51	.1	.1		.1														3	3	2	2
50/ 49			.1															1	1		1
48/ 47																				2	
46/ 45		.1																1	1	1	
44/ 43		.2																2	2	3	2
42/ 41	.2	.5	.2	.1														13	13	6	5
40/ 39	.2	1.0	.2	.2														21	21	11	7
38/ 37	.1	1.3	.3	.2														25	25	20	15
36/ 35	.4	1.5	1.5	.1														45	45	24	21
34/ 33	.8	3.0	1.3	.2														70	70	47	25
32/ 31	1.1	3.7	1.3	.3														83	83	71	43
30/ 29	1.0	4.1	1.5	.3														90	90	88	39
28/ 27	.7	2.9	1.8	.6														76	76	77	55
26/ 25	1.0	3.1	.8	.2														65	65	82	69
24/ 23	.9	2.6	1.2															62	62	76	65
22/ 21	.6	2.8	1.2	.2														61	61	59	47
20/ 19	.8	4.9	1.4															92	92	69	57
18/ 17	.4	3.2	.8															83	85	94	86
16/ 15	1.1	3.9	.6															70	70	86	65
14/ 13	.6	3.8	1.0															70	70	60	36
12/ 11	.8	4.0	.2															64	68	68	39
10/ 9	1.2	3.0	.1															82	82	85	68
8/ 7	.9	2.3	.4															47	48	73	58
6/ 5	.4	2.7																40	40	31	67
4/ 3	.3	2.9																44	44	31	62
2/ 1	.4	2.0																31	31	42	31
0/ -1	.2	.8																13	13	23	47
-2/ -3	.3	.4																11	11	15	63
-4/ -5	.2	.3																8	8	5	34
-6/ -7		.3																6	6	8	31
-8/ -9	.3	.4																9	9	9	18
-10/-11	.2	.2																5	5	6	26
-12/-13	.1																	1	1	1	23

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 20-6-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | JAN MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
≥14/-15	.1	.1																2	2	1	19
≥16/-17																				1	14
≥18/-19																					8
≥20/-21																					10
≥22/-23																					6
≥24/-25																					3
≥26/-27																					2
≥28/-29																					4
≥30/-31																					1
TOTAL	15.9	06.3	15.6	2.2															1302		1298
																		1298		1298	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6826687	91887	70.7	13.959	1298							
Dry Bulb	685884	88812	19.8	11.693	1302	3.9	79.9					93
Wet Bulb	597578	89709	18.5	11.262	1298	8.1	84.6					93
Dew Point	444817	14887	11.5	16.573	1298	22.1	87.4					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55	.1																	1	1	1	1
54/ 53	.2																	2	2	2	1
52/ 51	.2																	2	2	2	3
50/ 49	.1		.2															4	4	1	1
48/ 47	.1																	1	1	1	
46/ 45	.1																	1	1	4	1
44/ 43	.1	.6																9	9	6	3
42/ 41	.2	.2																4	4	6	10
40/ 39	.3	.5	.4	.1	.1													18	18	8	4
38/ 37	.4	1.2	.2	.2														26	26	18	8
36/ 35	.4	1.0	1.2	.3														37	37	23	26
34/ 33	.6	3.9	1.0	.1														73	73	40	16
32/ 31	1.0	2.4	1.2	.2														62	62	80	53
30/ 29	.7	4.1	1.2	.3														82	82	60	27
28/ 27	1.4	3.5	1.8	.5														93	93	89	53
26/ 25	.9	2.9	1.7															72	72	69	52
24/ 23	.2	2.7	1.0															51	51	72	80
22/ 21	.6	3.1	.9															60	60	68	37
20/ 19	.9	3.9	1.5															82	82	68	55
18/ 17	.8	4.6	.6		.1													80	81	79	52
16/ 15	1.2	4.1	.5	.1														76	77	88	61
14/ 13	1.1	3.3	1.1															71	72	74	89
12/ 11	1.0	3.1	.8															69	69	55	75
10/ 9	1.2	4.1	.2															72	73	88	81
8/ 7	.3	3.3																47	47	55	47
6/ 5	1.2	3.7																66	66	56	53
4/ 3	.5	2.4																37	37	55	42
2/ 1	.9	1.5																32	32	46	86
0/ -1	.5	1.2																22	22	19	62
-2/ -3	.5	.7																15	15	26	34
-4/ -5	.3	.2																7	7	7	37
-6/ -7	.2	.8																10	10	10	33
-8/ -9	.2	.5																8	8	6	25
-10/-11	.6	.3																9	9	12	31

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 (PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — JAN MONTH

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-12/-13		.2																	2	2	2	31
-14/-15		.2																	2	2	2	12
-16/-17	.1																		1	1	2	12
-18/-19																						17
-20/-21																						6
-22/-23																						6
-24/-25																						4
-26/-27																						6
-28/-29																						4
-30/-31																						1
TOTAL	18.6	63.9	15.6	1.7	.2														1298	1302	1298	1296

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	71.2	16.028	1298							
Dry Bulb	[illegible]	[illegible]	58.1	11.983	1302	8.4	88.3					93
Wet Bulb	[illegible]	[illegible]	57.7	11.726	1298	6.0	88.0					93
Dew Point	[illegible]	[illegible]	48.9	16.082	1296	24.3	87.7					93

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | JAN MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57		.2																2	2		
56/ 55				.1	.1													2	2	2	2
54/ 53		.2	.1															4	4	1	
52/ 51				.1														1	1	2	3
50/ 49	.1	.2	.1															4	4	3	1
48/ 47	.2	.2	.1	.1														6	6	6	3
46/ 45	.2	.2	.1		.1													6	6	5	4
44/ 43	.2		.1	.1														5	5	8	6
42/ 41	.3	.5	.1	.2	.2													17	17	4	6
40/ 39	.5	.9	.4	.5	.2													33	33	20	19
38/ 37	.2	1.2	1.8	.7	.2													53	53	19	12
36/ 35	.5	1.3	2.5	.8														61	61	33	17
34/ 33	.6	3.2	2.5	1.0	.1													96	96	68	19
32/ 31	.8	1.5	1.7	1.2	.1													68	68	88	62
30/ 29	.8	2.8	2.4	.6														86	86	72	37
28/ 27	.8	2.8	3.2	.2														91	91	92	59
26/ 25	.5	2.6	2.3	.4														75	75	70	73
24/ 23	.2	2.6	2.1	.2														66	66	93	62
22/ 21	.6	3.5	2.9															91	91	74	55
20/ 19	.5	3.2	2.5	.1														80	81	89	54
18/ 17	.3	3.2	2.8															81	81	84	56
16/ 15	.5	3.8	2.0															82	82	75	61
14/ 13	.2	3.1	.9															54	54	91	93
12/ 11	.2	2.8	1.1															54	54	63	62
10/ 9	.2	3.2	.6															52	52	53	61
8/ 7	.3	2.2	.2															34	34	53	41
6/ 5	.2	2.3																33	33	36	55
4/ 3	.4	1.4																23	23	32	46
2/ 1	.2	.8																13	13	19	60
0/ -1	.2	.8																8	8	12	60
-2/ -3	.2	.2																5	5	10	38
-4/ -5	.1	.2																4	4	1	32
-6/ -7	.2	.2																5	5	6	32
-8/ -9	.1	.3																5	5	6	32

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

PAGE 2 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
≤10/-11																				1	15
-12/-13	.1																	1	1	1	21
-14/-15																					11
-16/-17																					12
-18/-19																					5
-20/-21																					2
-22/-23																					3
-24/-25																					5
-26/-27																					2
-28/-29																					2
TOTAL	10.1	31.0	32.1	5.8	1.0													1301	1302	1301	1301

Element (K)	Σ_K^2	Σ_K	$\bar{K}$	σ_K	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1301							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1302	2.0	78.2					93
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1301	2.0	80.0					93
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1301	19.0	86.0					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — JAN MONTH

 1200-1600 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57							.2	.1										3	3		
56/ 55						.1												1	1		
54/ 53				.2	.1													3	3		
52/ 51			.1															1	1		
50/ 49		.1	.2		.1	.1	.1											7	7		
48/ 47	.2	.1	.2	.2	.1	.1												9	9	8	2
46/ 45	.2	.2		.4	.9	.2												24	24	10	4
44/ 43	.3	.6	.1	.5	.3	.2												25	25	10	8
42/ 41	.2	.3	.6	1.2	1.1	.3												48	48	12	10
40/ 39	.9	.5	1.2	2.3	.6	.1												73	73	28	19
38/ 37	.4	1.0	2.1	2.7	.9	.2												88	88	41	14
36/ 35	.4	1.5	2.2	2.0	.4													83	83	73	16
34/ 33	.8	1.2	2.4	2.5	.3													95	95	103	31
32/ 31	.1	2.1	2.2	2.8	.2													94	94	96	36
30/ 29	.5	1.9	3.1	2.2														100	100	97	55
28/ 27	.4	1.2	4.1	1.6	.1													98	98	91	69
26/ 25	.3	1.9	3.4	1.7														97	97	114	68
24/ 23	.2	1.4	4.1	.8														84	84	96	93
22/ 21	.2	1.8	3.3	.5														76	76	90	58
20/ 19	.2	1.3	4.1															74	74	86	61
18/ 17	.1	1.2	2.8															52	52	80	70
16/ 15	.1	1.2	2.2															44	44	66	74
14/ 13		1.2	1.5															36	36	55	68
12/ 11	.1	.8	1.3															31	31	60	39
10/ 9	.1	1.3	.8															29	29	40	64
8/ 7	.2	.8																12	12	28	57
6/ 5		.2																3	3	15	31
4/ 3		.2																3	3	2	66
2/ 1		.3																6	6	4	57
0/ -1		.2																2	2	6	36
-2/ -3		.1																1	1	1	37
-4/ -5		.2																3	3	3	30
-6/ -7																				1	16
-8/ -9																					24

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) 3254 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743	PEASE AFB N H/PORTSMOUTH	67-70	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-10/-11																					18
-12/-13																					16
-14/-15																					10
-16/-17																					3
-20/-21																					2
-22/-23																					7
-24/-25																					1
TOTAL	5.7	25.0	41.9	21.5	4.5	1.2	.2	.1											1302		1302
																		1302		1302	

Element (X)	Σx_i^2	Σx_i	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1302							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1302	.4	30.1					93
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1302	.0	72.4					93
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1302	16.1	85.4					93

USAFETAC FORM 0-26-5 (OL A) — OVER PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
58/ 57							.1	.1										2	2		
56/ 55									.1									1	1		
54/ 53							.1											1	1		
52/ 51						.1		.1										2	2		
50/ 49		.1	.2			.1												4	4		
48/ 47		.4		.1	.4	.3												15	15	3	2
46/ 45	.1	.2	.2		.5	.1												14	14	9	3
44/ 43	.2	.6	.1	.7	.4	.1												24	24	5	8
42/ 41	.1	.7	.2	1.4	.6	.2												42	42	15	2
40/ 39	.8	1.1	1.1	1.5	.7	.2												69	69	33	23
38/ 37	.3	.8	1.3	3.8	.5	.2												88	88	44	14
36/ 35	.3	1.3	2.2	1.5	.3	.1												75	75	53	14
34/ 33	.7	3.2	2.8	2.4	.3													123	123	90	24
32/ 31	.4	2.5	3.3	2.2	.1													110	110	134	52
30/ 29	.2	2.5	3.1	2.2	.2													108	108	88	49
28/ 27	.2	1.8	3.7	2.2														102	102	119	73
26/ 25	.2	1.6	3.5	1.4														87	87	108	62
24/ 23	.6	.8	4.3	1.1														88	88	97	89
22/ 21	.1	1.2	4.0	.4														74	74	94	85
20/ 19	.5	1.2	3.6	.1														47	47	94	74
18/ 17	.2	1.1	2.9															54	54	80	66
16/ 15	.2	.9	2.2															42	42	64	62
14/ 13	.2	.6	1.6															31	31	44	61
12/ 11	.1	1.2	1.3															27	27	63	56
10/ 9		.8	.3															15	15	34	54
8/ 7	.2	.4	.2															11	11	23	71
6/ 5		.2	.1															4	4	9	65
4/ 3		.4	.1															6	6	7	53
2/ 1																				4	44
0/ -1		.1																1	1	1	20
-2/ -3	.1																	1	1	1	26
-4/ -5		.2																2	2	2	32
-6/ -7		.1																1	1	2	20
-8/ -9																					20

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL-A) USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | JAN MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
≥10/≤11																					23
≥12/≤13																					11
≥14/≤15																					9
≥16/≤17																					8
≥18/≤19																					3
≥20/≤21																					3
≥22/≤23																					3
≥24/≤25																					2
≥26/≤27																					1
TOTAL	5.5	25.9	42.2	20.8	3.8	1.2	.2	.2	.1									1302	1302	1302	1302
																		1302		1302	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1302							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1302	.4	66.1					83
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1302	.4	78.4					83
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1302	18.4	86.4					83

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 PEASE AFB N H/PORTSMOUTH 57-70 JAN
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51						.1												1	1		
50/ 49							.1											1	1		
48/ 47	.2	.1					.1											5	5	3	3
46/ 45	.2	.1		.1	.1	.1												6	6	3	2
44/ 43	.2	.5	.1	.2	.2													15	15	4	5
42/ 41	.1	.5	.2	.5	.3													23	23	11	
40/ 39	.3	1.3	.5	.6	.1													36	36	18	18
38/ 37	.4	1.1	.8	1.5	.2													50	50	25	15
36/ 35	.3	2.1	1.9	.9	.2													70	70	41	10
34/ 33	.9	4.1	2.8	1.0	.2													117	117	68	38
32/ 31	.7	3.0	3.5	.5	.2													102	102	112	49
30/ 29	.3	4.2	2.9	.7														106	106	101	42
28/ 27	.2	2.7	3.4	.7														90	90	112	38
26/ 25		2.8	3.8	.3														89	89	84	70
24/ 23	.4	2.2	3.5	.2														80	80	96	64
22/ 21	.6	2.6	3.9															90	90	95	110
20/ 19	.3	2.2	3.2															100	100	81	80
18/ 17	.2	2.1	2.1															71	71	97	52
16/ 15	.8	1.8	2.3															63	63	96	54
14/ 13		1.7	1.2															37	37	68	58
12/ 11		1.8	1.4															37	37	92	67
10/ 9	.1	2.6	.8															43	43	60	45
8/ 7	.4	1.5	.3															29	29	49	63
6/ 5		1.3																17	17	25	61
4/ 3		.7																9	9	19	63
2/ 1		.5																6	6	7	52
0/ -1		.1																1	1	6	52
-2/ -3		.1																1	1	2	33
-4/ -5	.1	.1																2	2	2	52
-6/ -7		.1																1	1		24
-8/ -9		.1																1	1	2	36
-10/-11		.1																1	1	1	20
-12/-13																					12
-14/-15																					12

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-36-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | JAN MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-16/-17																					3
-18/-19																					6
-20/-21																					4
-22/-23																					2
-24/-27																					3
TOTAL	6.6	43.5	41.5	7.2	1.2	.2	.2											1300	1302		1300
																		1300		1300	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1300							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1302	.0	60.0					93
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1300	.0	60.0					93
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1300	18.2	66.8					93

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0A7A3 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51		.1																1	1	1	
50/ 49																					1
48/ 47	.1																	1	1	1	
46/ 45	.4	.1				.1												7	7	6	6
44/ 43		.2																2	2		1
42/ 41		.6		.2		.1												11	11	3	1
40/ 39	.8	.8	.2	.3	.1													30	30	22	17
38/ 37	.5	1.1	.7	.8	.2													41	41	17	18
36/ 35	.6	1.8	1.8	.2	.1													58	58	30	17
34/ 33	.7	4.7	2.8	.2														109	109	89	15
32/ 31	1.3	2.9	2.5	.9														99	99	114	56
30/ 29	1.2	4.3	2.4	.5														108	108	92	50
28/ 27	.2	2.7	2.1	.8														75	75	103	74
26/ 25	.2	2.5	2.5	.2														70	70	73	60
24/ 23	.4	3.3	2.2	.1														77	77	65	69
22/ 21	.2	3.8	1.8															76	76	96	68
20/ 19	.5	2.8	2.2															70	70	83	54
18/ 17	.9	3.8	2.8															98	98	73	70
16/ 15	.8	4.1	1.9															88	88	89	62
14/ 13	.1	2.9	1.0															52	52	82	59
12/ 11	.2	2.9	.6															49	49	66	62
10/ 9	.2	3.1	.6															50	50	58	62
8/ 7	.2	2.9	.2															43	43	44	64
6/ 5		1.7																22	22	40	70
4/ 3		1.8	.1															21	21	21	50
2/ 1		1.2																16	16	22	50
0/ -1	.3	.8																14	14	18	47
-2/ -3	.3	.3																8	8	14	36
-4/ -5		.1																1	1	3	33
-6/ -7	.1																	1	1	1	24
-8/ -9																					32
-10/ -11		.2																3	3	3	18
-12/ -13																					22
-14/ -15																					15

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) JAN (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥16/-17																					6
≥18/-19																					5
≥20/-21																					4
≥22/-23																					4
≥24/-25																					2
≥28/-29																					2
≥30/-31																					3
TOTAL	10.0	57.2	28.4	4.0	.3	.2												1301		1301	1301
																		1301		1301	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1301							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1301	1.0	76.4					93
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1301	2.8	83.1					93
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1301	16.2	87.8					93

USAFETAC FORM 22-54 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 PEASE AFB N H/PORTSMOUTH 57-70 FEB
STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 49		.3																3	3		
48/ 47	.1	.1	.1															3	3	5	3
46/ 45		.2	.3	.1														7	7	1	3
44/ 43		.2		.2														4	4	5	1
42/ 41	.2	.4	.1	.2														10	10	7	5
40/ 39	.3	.6	.3															14	14	11	8
38/ 37	.4	1.1	.4	.3														26	26	14	11
36/ 35	.5	2.3	1.2	.3														51	51	29	11
34/ 33	.8	2.8	1.5	.5														67	67	47	26
32/ 31	.8	2.5	1.9	.2														65	65	63	47
30/ 29	1.0	3.0	3.1	.3														87	87	72	44
28/ 27	1.5	3.8	1.5	.3														84	86	79	51
26/ 25	.7	4.1	3.6	.2														101	101	90	37
24/ 23	.9	3.4	2.7															83	83	87	57
22/ 21	.9	4.0	2.5															87	87	96	66
20/ 19	.4	4.2	2.2															81	81	83	77
18/ 17	.3	2.5	1.9															57	99	81	60
16/ 15	.4	3.0	1.0															53	53	61	60
14/ 13	.7	3.2	1.0															58	58	62	52
12/ 11	.4	3.0	.9															52	52	56	58
10/ 9	.8	3.0	.4															50	50	55	63
8/ 7	.2	3.8																47	47	50	49
6/ 5	.3	2.1																28	30	49	62
4/ 3	.2	2.0																26	26	26	49
2/ 1	.1	1.3																16	16	24	48
0/ -1		.6																7	7	14	32
-2/ -3		.5																6	6	6	31
-4/ -5		.3																4	4	6	29
-6/ -7		.3																4	4	4	25
-8/ -9																				2	29
-10/-11																					23
-12/-13																					16
-14/-15																					11
-16/-17																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | FEB MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-18/-19																					7
-20/-21																					8
-22/-23																					1
-24/-25																					2
-26/-27																					1
-28/-29																					1
-30/-31																					1
TOTAL	12.0	38.8	26.8	2.4															1185		1181
																		1181		1181	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5876868	80918	68.516.739		1181							
Dry Bulb	468831	28698	21.810.296		1185	1.8	70.9					84
Wet Bulb	892840	82716	20.110.138		1181	2.3	78.5					84
Dew Point	617701	69081	18.713.874		1181	16.4	78.2					84

FORM AS 64 0-26-5 (OL A) USAFETAC

SEVERED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — FEB MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47	.1	.3																5	5	4	2
46/ 45	.1	.3	.2															6	6	3	4
44/ 43		.3	.3															6	6	4	3
42/ 41	.3	.1	.2															6	6	7	4
40/ 39	.1	.6	.2	.2														12	12	5	4
38/ 37	.3	.5	.8	.2														21	21	14	11
36/ 35	.5	2.3	.8															42	42	21	9
34/ 33	1.4	3.6	1.7	.2														80	80	60	29
32/ 31	.4	2.3	1.6	.1														52	52	50	45
30/ 29	1.1	2.5	1.6	.1														62	62	64	60
28/ 27	.8	4.5	1.1															76	76	61	38
26/ 25	1.5	3.9	1.9	.2														89	89	99	39
24/ 23	2.0	3.8	1.9															92	92	80	71
22/ 21	1.2	3.7	1.3															73	73	80	75
20/ 19	.9	4.6	.8															74	75	84	69
18/ 17	.6	4.5	.9															71	71	76	53
16/ 15	.2	4.5	.4															60	60	61	60
14/ 13	.8	3.0	.3															48	48	74	63
12/ 11	.8	4.1	.3															63	63	52	50
10/ 9	1.1	3.6	.1															57	57	63	68
8/ 7	.2	3.7																46	46	48	64
6/ 5	.5	2.8																36	37	52	50
4/ 3	.6	2.8																40	40	34	49
2/ 1	.2	1.9																25	25	35	33
0/ -1	.1	1.1																14	14	18	41
-2/ -3	.2	1.1																15	15	18	36
-4/ -5		.4																5	5	8	41
-6/ -7	.1	.3																4	4	4	29
-8/ -9		.3																3	3	6	31
-10/-11																					27
-12/-13																					20
-14/-15																					11
-16/-17																					8
-18/-19																					10

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 2 EDITION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | FEB MONTH

PAGE 2 | 0300-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31		Dry Bulb	Wet Bulb	Dew Point
-20/-21																					2
-22/-23																					8
-24/-25																					3
-28/-29																					3
TOTAL	15.9	66.9	16.4	.8														1183	1185	1183	1183

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6216170	83078	70.2185.889		1183							
Dry Bulb	6332866	84182	30.4 0.882		1185	2.9	71.4					84
Wet Bulb	5944444	82278	18.8 0.703		1183	3.8	73.6					84
Dew Point	6005401	16801	12.8 4.190		1183	19.2	79.3					84

FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | FEB MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
48/ 47		.1	.2															3	3		
46/ 45	.1	.3	.2															7	7	6	1
44/ 43	.1	.5																7	7	7	6
42/ 41	.4	.5	.1															12	12	11	11
40/ 39		.3		.3														7	7	7	7
38/ 37	.1	1.0	.5															19	19	6	3
36/ 35	.8	2.0	1.1	.1														46	46	26	17
34/ 33	.7	2.9	1.8															63	63	44	22
32/ 31	.9	3.2	1.1	.1														63	63	57	33
30/ 29	1.0	3.2	1.3	.3														67	67	70	52
28/ 27	.6	2.3	1.6															53	53	59	34
26/ 25	1.4	4.6	.7															78	78	71	48
24/ 23	.9	4.4	1.4															77	77	76	59
22/ 21	1.2	4.8	1.1															83	83	76	55
20/ 19	.6	3.8	1.1															65	67	76	58
18/ 17	.7	4.9	.8															72	72	73	65
16/ 15	.5	4.4	.7															65	66	79	51
14/ 13	.3	4.2	.2															55	56	58	58
12/ 11	.3	5.4																67	67	71	65
10/ 9	.7	3.3	.1															48	48	61	47
8/ 7	.9	3.7																53	53	47	33
6/ 5	.8	3.1																42	46	69	37
4/ 3	.3	2.7																35	35	41	30
2/ 1	.3	2.0	.1															27	29	37	43
0/ -1	.1	1.3																18	18	20	47
-2/ -3	.2	1.1																15	15	18	41
-4/ -5	.1	1.2																15	15	14	32
-6/ -7	.1	.6																8	8	11	25
-8/ -9		.2																2	2	3	24
-10/-11																				2	24
-12/-13																					32
-14/-15																					9
-16/-17																					8
-18/-19																					10

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) 20 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | FEB MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
≤20/-21																					7
≤22/-23																					8
≤24/-25																					3
≤26/-27																					1
≤28/-29																					4
TOTAL	13.6	72.1	13.7	.7															1186		1172
																		1172		1172	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.					1172							
Dry Bulb					1186	.1	72.4					84
Wet Bulb					1172	.0	74.3					84
Dew Point					1172	19.0	79.2					84

USAFETAC FORM 20-54 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06763 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | FEB MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61					.1													1	1		
60/ 59					.1													1	1		
54/ 53				.1		.1												2	2	2	
52/ 51				.1		.1												2	2		
50/ 49		.3	.2															5	5	1	1
48/ 47	.1			.1														2	2	4	3
46/ 45	.1	.2		.2	.2													7	7	5	4
44/ 43	.2	.6	.3		.3													16	16	8	4
42/ 41	.1	.4	.2	.3														12	12	7	9
40/ 39	.6	.6	.7	1.1	.3													36	36	17	9
38/ 37	.5	1.0	1.2	.9	.3	.1												47	47	20	12
36/ 35	.3	1.7	2.1	1.1	.2													64	64	36	16
34/ 33	.8	2.8	2.9	1.3	.1													95	95	60	21
32/ 31	.8	3.1	2.3	1.1														86	86	91	38
30/ 29	.3	2.2	3.0	.7	.1													79	79	83	47
28/ 27	1.0	2.9	3.0	.9														92	92	96	66
26/ 25	.9	1.8	3.0	.5														73	73	87	82
24/ 23	.3	3.0	4.2	.3														92	92	68	57
22/ 21	.8	2.3	3.0	.3														75	75	91	89
20/ 19	.3	2.5	3.1	.1														71	71	85	57
18/ 17	.5	2.8	2.8															72	73	80	59
16/ 15	.6	2.4	1.7															54	56	74	50
14/ 13	.2	2.2	1.4															45	45	58	62
12/ 11	.3	2.5	.9															48	48	69	63
10/ 9	.2	2.0	.5															39	39	49	57
8/ 7		1.8	.1															19	19	27	29
6/ 5	.1	1.4	.1															19	19	20	55
4/ 3		.9																11	11	17	41
2/ 1	.1	.8																11	11	15	37
0/ -1	.1	.8																10	10	11	31
-2/ -3		.3																4	4	10	44
-4/ -5		.3																3	3	6	24
-6/ -7																				1	25
-8/ -9																					22

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) FEB (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
≤10/-11																					18
≤12/-13																					15
≤14/-15																					11
≤16/-17																					5
≤18/-19																					6
≤20/-21																					9
≤22/-23																					4
≤24/-25																					2
≤26/-27																					2
TOTAL	8.7	44.0	36.9	9.0	1.4	.3												1184	1185	1184	1184

Element (F)	$\bar{x}$	s_x	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.	[illegible]		[illegible]		1184							
Dry Bulb	[illegible]		[illegible]		1185	1.2	82.6					84
Wet Bulb	[illegible]		[illegible]		1184	1.2	78.6					84
Dew Point	[illegible]		[illegible]		1184	18.2	78.6					84

USAFETAC FORM 0-36-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04742 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) FEB (MONTH)

PAGE 1 1200-1600 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65						.2												2	2		
64/ 63						.1												1	1		
58/ 57																				1	
56/ 55																				2	
54/ 53		.1		.1	.1		.2											5	5		
52/ 51				.3			.1											4	4	1	1
50/ 49		.1	.1	.3	.1	.1	.1											8	8		1
48/ 47	.2	.1			.3	.3												9	9	5	5
46/ 45	.1		.2	.3	.4	.1	.1											14	14	8	1
44/ 43	.2	.6	.3	.6	1.5	.1												38	38	6	4
42/ 41	.4	.2	.5	1.1	1.6	.5												51	51	17	13
40/ 39	.4	.6	1.3	2.6	1.3	.3												76	76	20	10
38/ 37	.4	.4	2.0	3.0	1.4	.1												87	87	37	9
36/ 35	.4	1.8	2.7	2.5	.6													96	96	93	15
34/ 33	.4	2.2	2.6	2.8	.6													102	102	93	30
32/ 31	.9	2.5	2.5	3.0	.3													109	109	122	44
30/ 29	.2	1.6	2.7	3.6	.3													99	99	108	54
28/ 27	.4	1.3	3.4	2.0	.1													85	85	88	66
26/ 25		.9	4.1	1.8														76	76	88	68
24/ 23	.8	.8	2.5	.8														54	54	102	73
22/ 21	.9	1.1	3.0	.9														66	66	90	73
20/ 19	.2	1.0	3.0	.5														62	44	68	47
18/ 17	.2	.8	1.9															34	38	58	60
16/ 15	.1	1.0	1.3															31	31	60	65
14/ 13		.8	.9															21	21	31	75
12/ 11	.1	.8	.9															21	21	28	75
10/ 9		.3	.6															10	10	23	51
8/ 7		.4	.2															7	7	11	62
6/ 5		.3																4	4	10	43
4/ 3		.7																8	8	4	43
2/ 1		.3																4	4	8	36
0/ -1																				4	31
-2/ -3																					28
-4/ -5																					18

Efficient (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06763 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | FEB MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-6/ -7																					15
-8/ -9																					16
-10/-11																					15
-12/-13																					10
-14/-15																					6
-16/-17																					5
-18/-19																					6
-20/-21																					4
-22/-23																					1
-24/-25																					1
-26/-27																					2
TOTAL	5.	62	0.	23	7.	32	6.	0	8.	6	1.	6	.	4					1183		1182
																		1183		1183	

Element (X)	$\bar{X}_{\bar{X}}$	$S_{\bar{X}}$	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1183							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1183		69.2					84
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1183	.2	83.9					84
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1183	11.2	77.7					84

USAFETAC FORM 20-24 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 PEASE AFB N H/PORTSMOUTH 57-70 FEB
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63					.1													1	1		
60/ 59					.1		.1											2	2		
58/ 57						.1												1	1	1	
54/ 53			.1	.1	.2	.2												6	6	1	
52/ 51				.1		.2												3	3		1
50/ 49		.1		.1	.3	.5												11	11	2	
48/ 47	.2	.2	.3		.3	.2	.1											14	14	7	5
46/ 45	.1	.1	.1	.2	.3	.4												14	14	4	3
44/ 43			.1	.6	.9	.6												26	26	7	
42/ 41	.3	.6	.5	.4	1.7	.3												45	45	15	8
40/ 39	.2	.9	.8	2.1	1.2	.3												66	66	30	10
38/ 37	.6	1.4	1.9	2.1	1.0													83	83	35	19
36/ 35	.7	2.2	2.8	3.2	1.2	.1												120	120	70	16
34/ 33	.4	2.8	2.1	3.6	1.0													118	118	111	29
32/ 31	1.4	1.6	2.4	2.1	.4													94	94	119	52
30/ 29	.2	1.9	6.0	2.9	.7													113	113	113	99
28/ 27	.1	1.4	4.6	2.3	.3													101	101	99	62
26/ 25	.3	.7	3.0	2.1														72	72	110	63
24/ 23	.3	.4	2.3	1.3														51	51	107	66
22/ 21	.4	1.4	2.3	1.8														66	66	75	67
20/ 19	.3	.9	2.6	.5														52	53	61	69
18/ 17	.6	1.0	1.9	.1														42	42	73	57
16/ 15	.2	.6	1.1	.2														24	24	51	80
14/ 13		.8	.9															20	20	28	80
12/ 11		.8	.5															16	16	31	62
10/ 9		.4	.3															9	9	19	53
8/ 7		.1																1	1	8	42
6/ 5		.3	.2															6	6	3	36
4/ 3		.4	.1															6	6	6	28
2/ 1		.1																1	1	5	48
0/ -1																				2	23
-2/ -3																					23
-4/ -5																					22
-6/ -7																					23

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 PEASE AFB N H/PORTSMOUTH 57-70 FEB
STATION STATION NAME YEARS MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-8/-9																					9
-10/-11																					11
-12/-13																					6
-14/-15																					7
-16/-17																					3
-18/-19																					8
-20/-21																					2
-22/-23																					1
-26/-27																					2
-28/-29																					1
TOTAL	6.2	21.0	34.7	23.4	9.6	2.8	.2											1184	1185	1184	1184

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1184	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	[illegible]	[illegible]	36.2	9.0[illegible]	1185		67.8					84
Wet Bulb	[illegible]	[illegible]	34.5	8.9[illegible]	1184	.1	69.9					84
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1184	10.8	72.8					84

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — FEB MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53		.2	.1															3	3		
52/ 51		.1			.1													2	2	2	1
50/ 49		.2		.2		.1												5	5	4	3
48/ 47					.3	.1												4	4		1
46/ 45		.3	.1	.4	.2	.1												12	12	3	2
44/ 43	.1	.4	.1	.3	.3													14	14	6	3
42/ 41	.3	.7		.5	.3													20	20	13	5
40/ 39	.3	.3	.3	1.3	.3													29	29	17	14
38/ 37	.8	1.3	1.4	1.5	.5													64	64	24	13
36/ 35	.6	2.6	2.0	1.4	.3													83	83	35	16
34/ 33	.5	4.5	2.7	1.0														103	103	89	15
32/ 31	.9	2.4	2.7	3.0														107	107	110	49
30/ 29	.7	2.4	4.1	1.7														104	104	90	69
28/ 27	.3	2.0	4.6	2.1														108	108	89	54
26/ 25	.4	2.9	4.8	1.1														109	109	115	60
24/ 23	.1	1.6	2.5	.1														63	63	102	54
22/ 21	.3	1.3	3.3	.4														63	63	103	76
20/ 19	.6	2.1	2.4															72	72	67	53
18/ 17	.4	1.6	2.6															55	55	74	79
16/ 15	.3	2.0	1.9															50	51	68	90
14/ 13	.1	1.4	1.6															36	36	51	63
12/ 11		1.4	.8															26	26	36	52
10/ 9		.8	.3															14	14	34	63
8/ 7		1.2	.2															16	16	18	30
6/ 5		.7																8	8	13	48
4/ 3		.3																4	4	8	46
2/ 1		.4																5	5	5	43
0/ -1		.6																5	5	4	30
-2/ -3																				5	18
-4/ -5																					24
-6/ -7																					24
-8/ -9																					19
-10/ -11																					11
-12/ -13																					13

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Sat. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | FEB MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-14/-15																						6
-16/-17																						3
-18/-19																						3
-20/-21																						7
-22/-23																						1
-26/-27																						3
TOTAL	6.7	35.4	40.5	14.9	2.2	.3													1184	1185	1184	1184

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1184							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1185	.4	68.0					84
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1184	.4	70.3					84
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1184	11.8	78.8					84

USAFETAC FORM 0-24-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

047A3 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | FEB MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51		.2																2	2		
50/ 49		.3																3	3	2	
48/ 47	.1	.1	.2	.3														7	7	5	6
46/ 45	.2		.1	.1														4	4	2	2
44/ 43		.5	.2	.3														11	11	6	2
42/ 41	.3	.4	.1	.1	.2													12	12	11	8
40/ 39	.4	.4	.3	.3	.1													19	19	13	9
38/ 37	.4	.9	.8	.5														31	31	15	10
36/ 35	.3	2.3	1.8	.8														62	62	25	16
34/ 33	1.1	3.3	2.8	.3														89	89	66	16
32/ 31	.8	2.8	3.5	.3														88	88	80	54
30/ 29	1.4	2.7	3.7	.8														102	102	94	60
28/ 27	.8	3.7	3.5	.6														102	102	94	48
26/ 25	.6	3.3	4.0	.6														100	100	99	64
24/ 23	.9	2.7	4.6															97	97	88	66
22/ 21	.4	1.9	3.2															65	65	92	83
20/ 19		3.2	1.9															61	61	93	72
18/ 17	.7	3.5	2.5															80	80	74	50
16/ 15	.6	2.6	1.8															59	59	71	52
14/ 13	.2	2.4	1.1															43	43	60	70
12/ 11	.1	1.9	.9															35	35	40	60
10/ 9		2.8	.4															38	38	41	68
8/ 7	.1	2.2	.2															29	29	43	57
6/ 5		1.2	.1															15	15	26	52
4/ 3	.1	.8																11	11	17	51
2/ 1		.9																11	11	13	31
0/ -1		.2																2	2	6	33
-2/ -3		.4																5	5	3	24
-4/ -5		.2																2	2	8	37
-6/ -7																				1	23
-8/ -9																					19
-10/-11																					21
-12/-13																					14
-14/-15																					6

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) USAFETAC — EDITION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | FEB MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
≤16/≤17																				6
≤18/≤19																				4
≤20/≤21																				3
≤22/≤23																				2
≤24/≤25																				1
≤26/≤27																				3
TOTAL	9.3	47.8	37.6	5.1	.3												1185	1185		1185
																			1185	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8880839	78689	66.4	17.329	1185							
Dry Bulb	811784	28828	24.3	9.638	1185	.6	67.0					84
Wet Bulb	682868	26128	22.0	9.301	1185	1.1	73.7					84
Dew Point	481668	16778	14.2	12.682	1185	16.0	79.1					84

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | MAR MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57				.2														2	2		
56/ 55				.1														1	1		
54/ 53					.1													1	1		
52/ 51				.1	.2		.1											4	4	2	
50/ 49		.1	.1		.2													4	4	1	
48/ 47	.2	.2	.1	.2	.1													9	9	5	5
46/ 45	.2	.2	.2	.2														8	8	8	7
44/ 43		.8	.1	.3	.1	.1												17	17	5	1
42/ 41	.2	.7	.4	.3	.1													22	22	20	4
40/ 39	.5	.8	1.7	.4	.2													47	47	19	21
38/ 37	.8	3.5	2.4	1.4	.4													111	111	44	18
36/ 35	.8	5.3	3.5	1.4	.3													147	147	90	38
34/ 33	1.8	6.1	4.7	1.7														186	186	139	72
32/ 31	2.1	3.7	4.9	2.0														160	160	190	120
30/ 29	.8	4.5	4.6	1.6														151	151	153	105
28/ 27	1.2	2.4	3.6	1.2														109	109	139	105
26/ 25	.7	2.9	3.2	.6														96	96	120	91
24/ 23	.2	2.0	2.2															56	56	112	85
22/ 21	.2	1.8	1.3															43	43	79	75
20/ 19	.3	1.5	1.6	.1														46	46	83	81
18/ 17	.1	.8	1.2															26	27	36	102
16/ 15	.1	.7	.2															12	12	28	69
14/ 13	.2	.5	.2															11	11	25	57
12/ 11		.6	.5															14	14	4	53
10/ 9		.6	.1															9	9	13	40
8/ 7		.2																2	2	9	25
6/ 5		.2																2	2	2	31
4/ 3		.3																4	4	2	27
2/ 1		.1																1	1	4	20
0/ -1																				1	11
-2/ -3																					4
-4/ -5																					10
-6/ -7																					8
-8/ -9																					6

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | MAR MONTH

 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-10/-11																				3
-14/-15																				4
-16/-17																				3
TOTAL	10.5	40.4	36.0	11.5	1.5	.1	.1											1302		1301
																	1301		1301	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.					1301							
Dry Bulb					1302		59.1					93
Wet Bulb					1301	.1	60.2					93
Dew Point					1301	3.8	81.1					93

USAFETAC FORM 0-26-5 (OL A) SERIES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) MAR (MONTH)

 0300-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53			.1															1	1		
52/ 51			.2															4	4		
50/ 49			.1															1	1	3	
48/ 47	.2	.1			.1		.1											6	6	5	4
46/ 45		.2		.2	.1	.1												6	6	2	4
44/ 43	.1	.5	.4			.1												13	13	4	5
42/ 41	.4	.7	.4	.1														20	20	16	9
40/ 39	.3	.9	.7	.2	.2													30	30	17	15
38/ 37	.3	3.5	1.5	1.2														86	86	31	12
36/ 35	1.1	4.8	2.8	1.0	.2													128	128	80	31
34/ 33	1.8	7.0	4.4	.8														183	183	127	65
32/ 31	1.6	4.5	3.6	.5														134	134	178	119
30/ 29	1.5	5.2	4.7	.4														152	152	142	109
28/ 27	.8	3.7	4.6	.1														120	120	128	93
26/ 25	.6	3.6	2.9	.7														102	102	121	90
24/ 23	.2	3.2	2.3	.2														77	77	105	82
22/ 21	.5	2.0	2.3															62	62	91	73
20/ 19	.1	2.3	1.6															59	53	58	98
18/ 17	.3	1.9	1.4															47	48	68	77
16/ 15	.3	1.0	.8															24	24	39	74
14/ 13	.2	.9	.2															17	17	36	75
12/ 11		.2	.2															5	5	15	49
10/ 9		.7	.2															11	11	4	37
8/ 7		.6																8	8	13	43
6/ 5		.3																4	4	7	34
4/ 3		.2																2	2	3	28
2/ 1		.2																3	3	4	15
0/ -1		.2																2	2	2	21
-2/ -3																				1	15
-4/ -5																					5
-6/ -7																					5
-8/ -9																					7
-10/ -11																					1
-12/ -13																					5

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE APB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | MAR MONTH

PAGE 2 | 0300-0300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
≥14/≤15																					1
≥16/≤17																					2
≥18/≤19																					1
TOTAL	10	368	585	5.4	.5	.2	.1											1300	1302		1300
																		1300		1300	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	72121667	98811	75.854.273		1300							
Dry Bulb	1179[illegible]	[illegible]	[illegible]	[illegible]	1300	.1	38.9					93
Wet Bulb	1[illegible]	[illegible]	[illegible]	[illegible]	1300	.2	73.4					93
Dew Point	7[illegible]	[illegible]	[illegible]	[illegible]	1300	6.8	88.9					93

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) MAR (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53			.1	.1														2	2		
52/ 51			.1		.1													2	2		
50/ 49	.1	.4	.1															7	7	3	1
48/ 47	.2				.1	.1												4	4	9	3
46/ 45	.1	.2	.2	.1		.1												7	7	1	8
44/ 43		.4	.2	.2	.2	.1												13	13	5	2
42/ 41	.1	.9	.5	.4	.2													27	27	9	5
40/ 39	.2	1.1	1.5	.4	.1													42	42	22	10
38/ 37	.9	2.6	1.8	1.5	.4													94	94	42	20
36/ 35	.5	4.8	3.1	2.1	.2													137	137	79	30
34/ 33	2.2	6.7	3.8	1.4	.1													183	183	136	62
32/ 31	1.8	4.1	4.0	.8	.1													140	140	172	133
30/ 29	1.2	4.4	3.7	.9	.1													133	133	147	89
28/ 27	.5	3.4	4.0	.9														115	115	130	85
26/ 25	.3	3.1	3.7	.2														96	96	100	95
24/ 23	.1	2.6	1.9	.1														58	58	113	85
22/ 21	.3	2.5	1.9															61	61	82	89
20/ 19	.7	2.2	1.8	.1														57	57	68	74
18/ 17	.2	1.0	1.2															30	30	38	97
16/ 15	.4	1.8	.5															36	36	20	69
14/ 13	.2	1.2	.2															19	19	41	84
12/ 11	.1	.6	.2															11	11	18	58
10/ 9		.6																8	8	9	39
8/ 7		.3	.1															7	7	10	39
6/ 5		.5																7	7	6	32
4/ 3		.3																4	4	8	39
2/ 1		.1																1	1	2	25
0/ -1		.1																1	1	2	17
-2/ -3																					10
-4/ -5																					12
-6/ -7																					7
-8/ -9																					4
-10/ -11																					1
-12/ -13																					2

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AWS M-0-26-5 (OL A) USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) MAR (MONTH)

PAGE 2 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
≥14/≤15																					4
≥16/≤17																					2
TOTAL	9.8	45.6	33.9	9.1	1.3	.2												1302	1302		1302
																		1302		1302	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												93
Wet Bulb												93
Dew Point												93

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

04763 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — MAR MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69								.1										1	1		
64/ 63							.1											1	1		
60/ 59							.1											1	1		
58/ 57					.1	.2	.1											4	4		
56/ 55				.1	.2	.2	.2	.1										8	8	1	
54/ 53				.2	.2	.2		.2										9	9		
52/ 51			.2	.1	.1	.3	.2	.1										14	14	1	
50/ 49	.2	.2		.1	.3	.2	.3											16	16	11	2
48/ 47	.1	.2	.1	.5	.8	.2	.2	.1										25	25	6	2
46/ 45		.2	.6	.8	.8	.6												40	40	11	5
44/ 43		.3	.7	2.2	1.3	.7	.1											68	68	15	6
42/ 41		1.5	1.5	1.6	2.1	.2	.1											90	90	33	10
40/ 39	.8	1.3	2.2	3.7	2.7	.3												144	144	72	20
38/ 37	.5	3.1	2.1	4.3	1.9	.2												157	157	94	38
36/ 35	.9	3.9	2.5	3.6	1.3													161	161	156	43
34/ 33	1.5	2.5	2.3	3.3	.8													135	135	167	88
32/ 31	.3	1.9	2.6	2.6	.1													98	98	167	105
30/ 29	.3	1.9	2.7	1.8	.2													90	90	139	76
28/ 27	.5	1.4	2.1	1.5														72	72	118	100
26/ 25	.2	1.3	1.8	1.2														60	60	89	71
24/ 23		.5	1.5	.2														28	28	75	79
22/ 21		.3	1.5	.2														25	25	46	107
20/ 19		.2	1.2															17	17	29	103
18/ 17		.2	.8															12	12	22	84
16/ 15		.4	.4															10	10	17	75
14/ 13			.2															4	4	13	45
12/ 11			.3															7	7	6	42
10/ 9		.1	.1															2	2	6	32
8/ 7		.1																1	1	4	40
6/ 5																				2	43
4/ 3																					21
2/ 1																					15
0/ -1																					15
-2/ -3																					12

Element (F)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS-14 0-26-5 (OL A) USAFETAC — SUPERSEDES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | MAR MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-4/ -5																					5
-6/ -7																					5
-8/ -9																					2
-10/-11																					6
-12/-13																					1
-14/-15																					2
TOTAL	5.4	21.3	27.0	28.0	12.9	3.2	1.2	.5										1302	1302	1302	1302

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.					1302							
Dry Bulb					1302		30.4	.1				93
Wet Bulb					1302		88.8					93
Dew Point					1302	3.6	77.7					93

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — MAR MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73									.2									2	2		
72/ 71									.1									1	1		
66/ 65							.1		.2									3	3		
64/ 63							.1	.1										2	2		
62/ 61								.2										2	2		
60/ 59			.1			.2	.3	.2	.1									10	10		
58/ 57		.2			.1		.2	.2	.1									10	10	4	
56/ 55	.1			.1	.4	.1	.2	.2	.1									14	14	4	1
54/ 53		.1	.1	.1	.2	.8	.4	.5										28	28	1	2
52/ 51			.3	.1	.2	.8	.6	.2										28	28	3	
50/ 49			.2	.3	1.0	1.1	.6	.2										44	44	8	1
48/ 47		.1	.4	.3	1.2	1.6	.6	.2										55	55	21	
46/ 45		.2	.8	1.4	1.8	1.4	.3											76	76	17	7
44/ 43		.8	1.3	2.8	1.8	2.3	.6											122	122	42	9
42/ 41	.3	1.2	1.4	2.6	2.3	1.2	.2											124	124	68	19
40/ 39	.3	.9	2.3	2.3	4.0	.9												147	147	104	33
38/ 37	.8	3.1	2.1	3.0	2.7	.2												155	155	131	26
36/ 35	.7	2.0	2.2	2.3	1.4	.1												113	113	179	69
34/ 33	.8	1.6	1.3	1.9	1.7													97	97	166	85
32/ 31	.2	2.2	1.3	2.2	.8													87	87	156	96
30/ 29	.2	1.2	1.2	2.2	.5													70	70	112	98
28/ 27	.2	.6	.8	1.1	.1													37	37	88	79
26/ 25	.2	.9	.6	.3														30	30	73	101
24/ 23	.1	.6	.3	.2														15	15	37	86
22/ 21		.2	.5	.2														11	11	28	75
20/ 19		.1	.3	.1														8	8	12	93
18/ 17			.3															4	4	14	87
16/ 15			.3															4	4	7	43
14/ 13			.3															3	3	4	64
12/ 11																				3	44
10/ 9																				1	37
8/ 7																					43
6/ 5																					26
4/ 3																					13

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-3&5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | MAR MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
2/ 1																					13
0/ -1																					10
-2/ -3																					9
-4/ -5																					2
-10/-11																					8
-12/-13																					1
TOTAL	4.2	19.8	19.4	23.7	20.1	10.4	4.0	1.7	.9									1302	1302	1302	1302

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1302							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1302		19.2	.2	.1			93
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1302		20.6					93
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1302	2.1	76.9					93

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04762 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | MAR MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75										.2								2	2		
74/ 73										.1								1	1		
68/ 67							.1	.1	.1									3	3		
66/ 65								.1										1	1		
64/ 63							.1	.1	.1									3	3		
62/ 61								.2										3	3		
60/ 59		.2				.1	.1	.1	.2									8	8		
58/ 57						.1	.2		.2									5	5	6	
56/ 55		.1			.2	.3	.2	.1										11	11	1	3
54/ 53		.1		.2	.5	.2	.4	.4										23	23	3	1
52/ 51			.5	.2	.5	.7	.5	.3										35	35	3	1
50/ 49	.1	.2	.4	.2	.8	1.2	.6	.2										47	47	6	1
48/ 47		.1	.3	.3	.9	.7	.9											42	42	21	
46/ 45	.1	.2	.5	1.0	1.3	2.2	.4											75	75	23	11
44/ 43	.2	.8	.8	2.4	2.9	2.5	.8											134	134	34	10
42/ 41	.6	.6	1.8	3.4	1.6	1.4	.1											123	123	38	18
40/ 39	.1	1.8	3.2	2.7	2.7	.8												147	147	75	29
38/ 37	.4	2.5	2.8	2.8	2.2	.5												146	146	133	22
36/ 35	.5	3.2	2.9	1.5	2.3	.2												136	136	206	65
34/ 33	.8	1.8	2.1	2.7	1.2													113	113	182	69
32/ 31	.3	1.6	1.7	1.7	.8													80	80	149	102
30/ 29	.5	1.0	1.8	1.2	.2													58	58	109	112
28/ 27	.1	.5	.9	1.0	.2													34	34	100	99
26/ 25	.2	1.0	.8	.1	.1													28	28	67	102
24/ 23		.4	1.0	.2														21	21	46	87
22/ 21		.2	.2	.1														4	4	22	80
20/ 19			.2	.2														5	5	16	84
18/ 17			.3															4	4	4	76
16/ 15			.1															1	1	1	93
14/ 13			.3															4	4	8	88
12/ 11		.1																1	1	2	43
10/ 9																				3	63
8/ 7																					29
6/ 5																					29

Element (X)	$\Sigma_{\bar{x}^2}$	Σ_x	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AF 0-26-5 (OL A) USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | MAR MONTH

PAGE 2 | 1300-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3																					21
2/ 1																					6
0/ -1																					2
-2/ -3																					7
-4/ -5																					3
-6/ -7																					3
-8/ -9																					3
-10/-11																					4
-12/-13																					2
TOTAL	3.9	16.2	22.4	21.9	18.3	10.7	6.2	1.5	.5	.2								1300	1300	1300	1300
																		1300		1300	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1300							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1300		17.2	.4	.2			93
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1300		39.8					93
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1300	1.7	76.8					93

USAETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06763 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | MAR MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69								.1										1	1		
64/ 63						.1			.1									2	2		
62/ 61						.1		.2										3	3		
58/ 57			.2		.2													5	5		
56/ 55					.1	.2	.1											4	4	3	
54/ 53			.1			.1		.1										3	3	3	1
52/ 51			.2	.1	.2	.2		.1										9	9	1	2
50/ 49	.1	.3	.1	.2	.2		.2											14	14	3	1
48/ 47	.2	.2	.5	.2	.5	.4	.2											28	28	13	6
46/ 45	.1	.5	.4	.6	.7	.7	.1											39	39	12	9
44/ 43	.3	.8	.8	.5	1.4	.7												59	59	23	8
42/ 41	.3	1.2	1.1	1.8	2.0	.5												89	89	30	16
40/ 39	.2	1.0	3.6	3.2	1.7	.7												134	134	51	21
38/ 37	.5	3.4	3.2	2.9	1.6													151	151	67	27
36/ 35	.6	4.8	4.1	3.1	1.8													187	188	175	32
34/ 33	1.3	4.9	3.3	2.4	1.2													174	176	202	89
32/ 31	.3	2.7	3.0	1.8	.7													111	111	185	110
30/ 29	.2	2.0	2.5	2.2	.3													93	93	138	126
28/ 27	.6	1.5	2.2	.9														68	68	121	101
26/ 25	.2	1.2	1.1	1.0														45	45	104	106
24/ 23	.1	.8	.8	.3														27	27	65	80
22/ 21	.1	.3	.7	.1														15	15	34	93
20/ 19			.8															11	11	21	77
18/ 17		.2	.5															9	9	11	76
16/ 15		.2	.4															7	7	15	64
14/ 13		.1	.2															4	4	7	39
12/ 11			.2															3	3	7	26
10/ 9		.2	.2															6	6	2	38
8/ 7																				7	31
6/ 5																				1	29
4/ 3																					22
2/ 1																					19
0/ -1																					7
-2/ -3																					6

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) SUPERSEDES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 57-70 YEARS | MAR MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-4/ -5																					8
-6/ -7																					3
-8/ -9																					2
-10/-11																					2
-12/-13																					2
-14/-15																					2
-16/-17																					2
TOTAL	5.0	26.3	30.4	21.3	12.6	3.5	.5	.4	.1										1302		1301
																		1301		1301	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	9.558	1301							
Dry Bulb	[illegible]	[illegible]	58.3	7.298	1302		28.5	.1				93
Wet Bulb	[illegible]	[illegible]	51.3	6.737	1301		51.3					93
Dew Point	[illegible]	[illegible]	[illegible]	10.630	1301	2.3	77.8					93

FORM AS 66 0-26-5 (OL A) USAFETAC SEVERO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 57-70 (YEARS) MAR (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59					.1													1	1		
58/ 57			.1	.2														3	3		
56/ 55						.2												2	2		
54/ 53			.2	.1	.2													5	5	2	
52/ 51		.1		.1	.2	.2												7	7	2	
50/ 49	.2	.2	.2	.1	.1	.1												9	9	6	3
48/ 47	.1	.1	.3	.1	.2	.1												10	10	9	7
46/ 45	.2	.5		.1	.2													11	11	12	6
44/ 43	.2	.4	.5	.2	.2	.2												21	21	17	4
42/ 41	.3	1.3	1.1	.8	.6	.2												56	56	16	13
40/ 39	.5	1.8	2.4	2.2	.7	.2												100	100	34	20
38/ 37	.4	3.4	3.5	2.0	.9													133	133	66	27
36/ 35	.5	4.5	4.7	2.3	.2													159	159	105	35
34/ 33	1.8	5.8	5.3	2.6	.5													209	209	189	79
32/ 31	.8	3.9	3.8	2.6	.3													150	150	175	109
30/ 29	.5	3.5	4.3	1.7	.2													131	131	166	125
28/ 27	.4	2.6	2.5	.7														80	80	127	106
26/ 25	.2	2.3	2.1	.8														66	66	132	93
24/ 23		1.5	1.5	.2														43	43	74	88
22/ 21	.2	1.2	1.3	.2														39	39	56	81
20/ 19		.2	.9															15	15	37	95
18/ 17		.2	.8															12	12	24	79
16/ 15		.2	.5															8	8	15	72
14/ 13		.8	.4															15	15	11	49
12/ 11		.2	.2															5	5	17	51
10/ 9		.3	.1															5	5	6	21
8/ 7		.3	.1															5	5	6	26
6/ 5		.2																2	2	6	18
4/ 3																				2	23
2/ 1																					24
0/ -1																					13
-2/ -3																					6
-4/ -5																					14
-6/ -7																					1

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 8 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 57-70 YEARS — MAR MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-8/ -9																					3
-10/-11																					3
-12/-13																					1
-14/-15																					2
-16/-17																					3
TOTAL	6.2	35.3	36.6	16.6	4.4	1.0													1302		1302
																		1302		1302	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	68.1	17.817	1302							
Dry Bulb	[illegible]	[illegible]	38.7	7.279	1302		41.1					93
Wet Bulb	[illegible]	[illegible]	37.4	7.087	1302		40.9					93
Dew Point	[illegible]	[illegible]	28.4	8.677	1302	3.3	79.1					93

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 (STATION) PEASE APB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) APR (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67					.2													2	2		
66/ 65				.1														1	1		
62/ 61			.3		.1													5	5	2	
60/ 59		.1	.2	.2	.1													7	7	1	
58/ 57		.3	.7		.2													15	15	5	4
56/ 55		.5	.2	.5	.2	.1												18	18	13	5
54/ 53	.2	.5	.2	.1	.1	.1												13	13	17	11
52/ 51	.1	.2	.2	.5	.1	.3												17	17	7	17
50/ 49	.5	.7	1.0	.5	.7	.1												44	44	21	10
48/ 47	.5	1.4	.9	1.4	.5	.2												64	64	30	17
46/ 45	.5	1.7	1.6	.7	.8	.2												71	71	44	25
44/ 43	1.0	2.8	2.4	1.7	1.1	.3												124	124	65	50
42/ 41	1.9	5.7	3.2	1.7	1.3													183	183	126	93
40/ 39	1.6	4.7	3.6	2.0	.3													162	162	151	92
38/ 37	1.1	4.0	3.0	1.4	.3	.1												130	130	155	118
36/ 35	1.2	4.4	3.8	1.7	.5													154	154	154	110
34/ 33	1.3	4.1	3.3	1.4	.4													141	141	165	125
32/ 31	.2	3.3	2.0	1.3	.2													94	94	126	94
30/ 29	.5	1.6	.7	.8	.1													48	48	119	117
28/ 27		.6	.6	.3														20	20	61	117
26/ 25				.2														2	2	33	99
24/ 23		.1	.3															3	3	17	77
22/ 21			.3															4	4	3	43
20/ 19		.2																2	2	6	26
18/ 17																				5	21
16/ 15																					19
14/ 13																					14
12/ 11																					13
10/ 9																					13
8/ 7																					7
6/ 5																					7
4/ 3																					7
2/ 1																					3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) APR (MONTH)

PAGE 2 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	10.4	36.8	28.4	16.1	6.9	1.3												1326	1326	1326	1326

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.					1326							
Dry Bulb					1326		11.9	.1				90
Wet Bulb					1326		28.1					90
Dew Point					1326		44.8					90

USAFETAC FORM 20-34 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — APR MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65			.1	.1														2	2		
64/ 63			.1															1	1		
62/ 61			.2															3	3	2	
60/ 59																				1	
58/ 57		.4	.2	.2														9	9	3	3
56/ 55		.7	.3	.2	.1													16	16	8	2
54/ 53		.6	.2	.4	.1													16	16	10	14
52/ 51	.1	.5	.3	.2	.2	.2												18	18	15	11
50/ 49	.3	.5	.7	.2														22	22	14	13
48/ 47	.3	1.1	1.3	.6	.2													47	47	24	13
46/ 45	.5	1.4	1.2	.9	.2													56	56	41	24
44/ 43	.8	2.3	2.1	1.4	.5	.2												100	100	58	35
42/ 41	1.8	4.6	2.1	1.6	1.1													148	148	83	58
40/ 39	1.1	6.6	3.2	2.0	.1													176	176	137	83
38/ 37	1.1	5.4	3.3	1.3	.1													147	147	150	100
36/ 35	.7	3.5	3.0	.8	.4													112	112	142	124
34/ 33	1.5	6.0	3.2	.8	.5													160	160	166	94
32/ 31	.4	4.4	3.2	.8														120	120	147	103
30/ 29	.6	4.1	1.1	.8	.1													87	87	118	146
28/ 27	.4	1.8	1.1	.5	.1													52	52	107	109
26/ 25	.1	.6	.5	.2														18	18	37	91
24/ 23		.3	.3	.1														9	9	34	104
22/ 21			.2															2	2	15	62
20/ 19		.2	.3															6	4	5	32
18/ 17		.1																1	1	6	14
16/ 15																				3	18
14/ 13																					20
12/ 11																					9
10/ 9																					11
8/ 7																					12
6/ 5																					8
4/ 3																					5
2/ 1																					4
0/ -1																					1

Elevation (ft)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL-A) — USAFETAC — PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 STATION | PEASE APB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | APR MONTH

0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-2/ -3																					3
TOTAL	9	74	55	42	28	9	2	1										1326	1326	1326	1326

Element (X)	$\Sigma x'$	Σx_i	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb							30.0					30
Wet Bulb							32.0					32
Dew Point						.3	31.9					32

USAFETAC FORM 0-36-5 (OL-A) EDITION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 58-70 YEARS — APR MONTH

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
72/ 71					.1													1	1		
68/ 67				.1	.1													2	2		
66/ 65			.2					.1										3	3		
64/ 63				.2														3	3	1	
62/ 61			.1	.1	.2													4	4	3	
60/ 59		.2	.2	.1	.2		.1											8	8	3	3
58/ 57		.1	.1	.4	.2	.3	.2											17	17	4	1
56/ 55		.5	.2	.3	.4	.2	.1											22	22	7	6
54/ 53		.7	.4	.1	.2	.2												20	20	13	10
52/ 51	.5	.2	.4	.7	.2	.3	.1											30	30	26	16
50/ 49		.8	.6	.8	.7	.2	.2											43	43	13	8
48/ 47	.8	1.4	1.7	1.0	1.6	.3												82	82	39	22
46/ 45	.6	1.7	1.6	1.7	1.1	.6	.1											98	98	62	37
44/ 43	.8	2.3	2.3	2.3	1.2	.4												135	135	72	31
42/ 41	1.2	3.9	3.0	2.0	1.4	.2												155	155	126	68
40/ 39	2.0	3.8	3.6	2.7	.8	.1												169	169	146	88
38/ 37	.8	3.9	3.0	2.1	.4	.1												145	145	153	108
36/ 35	.8	4.2	2.5	1.3	.6													124	124	168	109
34/ 33	1.1	3.8	2.4	1.1	.3													115	115	172	115
32/ 31	.2	1.9	1.7	.8	.2													60	60	110	115
30/ 29	.4	1.3	.9	.6														42	42	81	114
28/ 27	.2	.8	.6	.8														28	28	37	110
26/ 25	.1	.2	.2	.2														8	8	30	88
24/ 23		.1	.2	.2														5	5	17	66
22/ 21		.1	.2															3	3	11	65
20/ 19		.1	.1															2	2	7	32
18/ 17		.1																1	1	2	21
16/ 15																				2	24
14/ 13																					14
12/ 11																					10
10/ 9																					10
8/ 7																					8
6/ 5																					8
4/ 3																					9

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-264-5 (OL-A) USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) APR (MONTH)

PAGE 2 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
2/ 1																					5
0/ -1																					2
TOTAL	9.1	32.8	26.0	19.1	9.5	2.7	.7	.1										1325	1325	1325	1325

Element (X)	ΣX_i^2	ΣX_i	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.					1325							
Dry Bulb					1325		10.1	.2				90
Wet Bulb					1325		21.8					90
Dew Point					1325	.1	42.6					90

USAFETAC FORM 20-54 0-36-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE APB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) APR (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
84/ 83												.1	.1					2	2		
82/ 81											.1							1	1		
80/ 79										.1								1	1		
78/ 77										.1								1	1		
76/ 75							.1	.1										2	2		
74/ 73							.2	.3			.1							7	7		
72/ 71								.1	.1	.1								3	3		
70/ 69				.1		.2	.1	.1	.1	.2								8	8		
68/ 67			.1		.1	.2	.2	.1	.2	.1								11	11		
66/ 65			.1	.1	.2	.2	.2	.4	.2									16	16		
64/ 63				.1	.3	.1	.5	.5	.2									21	21	5	
62/ 61				.2	.4	.5	.5	.4	.2	.2								29	29	7	
60/ 59		.2	.2	.3	.4	.5	1.3	.3	.3									44	44	9	2
58/ 57		.2	.4	.5	.3	1.0	.6	.6	.2									50	50	11	3
56/ 55			.4	.5	1.2	1.0	1.7	.4	.2									70	70	18	3
54/ 53		.7	.7	.5	1.0	1.6	1.3	.3										86	86	30	9
52/ 51	.1	.5	.8	.6	1.1	2.8	1.2	.4										97	97	47	24
50/ 49		1.0	.5	1.4	1.7	2.6	1.4	.3										119	119	60	25
48/ 47	.2	1.1	.5	1.3	2.7	2.4	1.0											125	125	76	36
46/ 45	.5	1.7	1.2	2.1	1.9	2.1	.6											134	134	90	41
44/ 43	.8	1.7	1.5	1.6	3.1	1.4	.2											135	135	149	46
42/ 41	.8	2.0	1.0	1.9	1.7	1.1												110	110	150	67
40/ 39	.7	2.3	1.4	1.2	1.0	.4												92	92	184	80
38/ 37	.2	2.2	.6	1.0	.8	.2												66	66	141	94
36/ 35	.3	1.2	.5	.5	.9	.2												46	46	156	98
34/ 33	.5	1.2	.1	.2	.5													33	33	90	103
32/ 31		.1		.3	.4													10	10	49	106
30/ 29				.1	.1													2	2	24	97
28/ 27				.2														2	2	10	76
26/ 25																				10	89
24/ 23																				6	80
22/ 21																				1	86
20/ 19																					45
18/ 17																					33

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | APR MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
16/ 15																				27
14/ 13																				22
12/ 11																				15
10/ 9																				9
8/ 7																				14
6/ 5																				14
4/ 3																				4
2/ 1																				2
0/ -1																				3
TOTAL	4.0	13.9	9.8	14.7	19.6	18.1	11.2	4.3	1.5	.9	.2	.1	.1					1323		1323
																	1323		1323	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.					1323							
Dry Bulb					1323		1.0	2.4	1.0	.2		90
Wet Bulb					1323		4.8					90
Dew Point					1323	.2	67.1					90

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | APR MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
90/ 89														.2				2	2		
88/ 87													.1					1	1		
86/ 85														.1				1	1		
84/ 83													.2					2	2		
82/ 81											.2							2	2		
80/ 79										.1	.1							2	2		
78/ 77								.1		.3		.2						8	8		
76/ 75							.2	.1	.1	.1	.1							6	6		
74/ 73						.1		.2	.1	.2	.4	.1						13	13		
72/ 71							.2	.2	.1	.2	.2							9	9		
70/ 69					.2	.1	.1	.2	.2	.3		.1						13	13		
68/ 67						.3	.2	.2	.2	.4	.1							17	17		
66/ 65						.1	.4	.6	.4	.2	.2							23	23		
64/ 63			.1	.2	.3	.1	.3	.3	.2	.2								30	30	12	
62/ 61			.1	.3	.2	.3	.8	.3	.7	.2								43	43	8	
60/ 59				.2	.4	1.4	.9	.8	1.2	.2								72	72	9	1
58/ 57		.1	.4	.3	.6	1.3	1.1	1.4	.6	.1								82	82	16	2
56/ 55		.3	.3	.4	.8	1.4	1.8	.9										88	88	35	7
54/ 53		.2	.4	1.2	1.2	2.3	2.4	1.3	.1									122	122	32	10
52/ 51		.2	.2	1.0	1.3	1.9	1.7	1.0	.1									98	98	34	23
50/ 49	.1	1.1	.6	1.4	2.1	2.6	1.3	.5										127	127	78	24
48/ 47	.2	1.1	1.0	.7	1.7	2.0	.6	.1										98	98	96	31
46/ 45	.3	1.1	1.6	2.0	2.2	2.3	.7											135	135	125	44
44/ 43	.4	1.0	.8	1.6	2.8	1.3	.2											103	103	142	69
42/ 41	.6	2.3	.8	.6	1.2	.7	.2											86	86	167	72
40/ 39	.7	1.6	1.3	.5	.7	.4												68	68	170	98
38/ 37	.2	1.6	.2	.2	.3	.3												38	38	143	100
36/ 35	.2	1.1			.2													20	20	119	84
34/ 33	.4	.3	.3		.1													16	16	51	107
32/ 31		.1																1	1	27	97
30/ 29																				17	91
28/ 27																				5	88
26/ 25																					90
24/ 23																					66

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 STATION | PEASE APB N H/PORTSMOUTH STATION NAME | 50-70 YEARS | APR MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
22/ 21																					72
20/ 19																					43
18/ 17																					28
16/ 15																					27
14/ 13																					21
12/ 11																					17
10/ 9																					8
8/ 7																					12
6/ 5																					8
4/ 3																					5
0/ -1																					1
TOTAL	2.9	12.4	8.2	11.1	10.3	19.4	13.2	8.4	3.8	2.4	1.1	.4	.2	.2				1326	1326	1326	1326

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1326							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1326		.1	5.2	2.5	.7		90
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1326		8.3					90
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1326	.1	48.7					90

FORM 26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 50-70 YEARS | APR MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
90/ 89														.2				3	3		
84/ 83													.1					1	1		
82/ 81													.1					1	1		
80/ 79											.1	.1						2	2		
78/ 77									.2	.3	.1	.2						9	9		
76/ 75								.1	.2	.1	.3							10	10		
74/ 73							.2	.1	.2									6	6		
72/ 71						.1	.2	.2			.2							9	9		
70/ 69						.2		.2		.1	.2	.2						9	9		
68/ 67						.2	.3	.1	.4	.3	.2							19	19		
66/ 65				.1				.2	.4	.1								9	9		
64/ 63			.2	.2	.2	.2	.1	.8	.8	.6								29	29	5	
62/ 61				.5		.3	.5	.5	.9	.2								38	38	7	
60/ 59		.1	.2	.2	.3	1.1	.9	1.2	1.1	.4								72	72	17	
58/ 57		.1	.2	.5	.5	1.4	1.3	1.1	.8	.1								80	80	20	1
56/ 55		.3	.4	.3	1.1	1.3	1.2	.8	.2									72	72	23	6
54/ 53	.2	.4	.5	1.2	.8	1.7	1.5	1.5	.1									103	103	15	22
52/ 51		.7	.8	.7	1.4	2.8	1.5	.8										114	114	45	10
50/ 49	.1	.4	.8	.8	2.1	2.0	1.1	.7										105	105	72	25
48/ 47	.3	1.2	1.3	1.4	2.8	1.7	.4	.2										123	123	101	33
46/ 45	.2	.9	1.1	1.9	2.3	1.7	.4	.1										113	114	132	43
44/ 43	.2	1.4	1.8	2.0	2.6	1.1	.4											126	126	139	31
42/ 41	.5	2.4	1.8	1.9	1.2	.6	.2											114	114	171	39
40/ 39	1.1	2.0	1.4	.5	.6	.4												80	80	217	89
38/ 37	.4	2.0	.3	.4	.4	.2												90	90	190	97
36/ 35	.3	.8			.1													16	16	122	133
34/ 33	.2	.3	.2															9	9	33	104
32/ 31		.2																3	3	27	115
30/ 29																				10	102
28/ 27																				3	86
26/ 25																					64
24/ 23																					73
22/ 21																					53
20/ 19																					33

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 80 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | APR MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (°F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
18/ 17																					35
16/ 15																					17
14/ 13																					23
12/ 11																					12
10/ 9																					10
8/ 7																					8
6/ 5																					10
4/ 3																					5
TOTAL	3.3	13.2	11.3	12.5	16.3	16.8	10.0	6.3	4.9	1.0	1.0	.4	.2	.2				1325	1326	1325	1325

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Bat. Hum.	[illegible]	71687	53.922.253		1325							
Dry Bulb	2841870	66814	50.2	8.918	1326		.2	6.7	2.2	.4		90
Wet Bulb	2620887	58158	43.4	6.308	1325		2.7					90
Dew Point	1660172	42211	31.9	8.873	1325		68.6					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | APR MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77								.1										1	1		
76/ 75											.1							1	1		
74/ 73							.1	.1										2	2		
72/ 71						.1				.2								3	3		
70/ 69						.1	.2	.2	.1									6	6		
68/ 67				.1		.2	.2		.2	.1								8	8		
66/ 65					.1	.2			.1	.1								5	5		
64/ 63			.2	.3	.3	.2	.1	.1	.2	.1								19	19	2	
62/ 61		.1		.1		.2	.2	.3	.2									12	12	2	
60/ 59				.2	.4	.2	.4	.2	.2									21	21	6	2
58/ 57		.3	.3	.2	.5	.5	.7	.5	.2									42	42	12	1
56/ 55	.1	.2	.1	.2	.8	.7	.6	.6	.3									47	47	18	10
54/ 53		.5	.4	.3	.5	1.1	.8	.2	.1									51	51	12	6
52/ 51		.9	.4	.8	1.0	1.1	.7	.2										67	67	27	14
50/ 49	.6	.6	1.3	1.1	1.9	1.3	1.0	.2										104	104	41	28
48/ 47	.1	1.0	1.4	1.7	2.9	1.0	.5	.1										113	113	60	20
46/ 45	.2	1.5	2.6	2.6	2.2	1.0	.4											140	140	80	33
44/ 43	.6	2.7	2.9	2.6	1.8	.8	.2											155	155	109	34
42/ 41	.5	3.8	2.9	2.2	2.0	.7												159	159	174	54
40/ 39	1.5	3.4	3.2	2.3	1.4	.5												164	164	213	98
38/ 37	.9	3.7	2.0	1.4	.7	.3												120	120	192	135
36/ 35	.2	1.2	1.4	.9	.5													55	55	167	125
34/ 33	.1	.5	.8	.2	.2													24	24	104	118
32/ 31		.1		.1	.2													4	4	87	113
30/ 29		.2																3	3	37	135
28/ 27																				9	63
26/ 25																				4	81
24/ 23																					67
22/ 21																					47
20/ 19																					42
18/ 17																					24
16/ 15																					20
14/ 13																					14
12/ 11																					18

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | APR MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9																					6
8/ 7																					9
6/ 5																					6
4/ 3																					3
TOTAL	4.8	20.6	19.9	17.2	17.2	10.1	5.7	2.7	1.4	.4	.1							1326			1326
																		1326		1326	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1326							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1326		.8	1.4	.3			90
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1326		7.3					90
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1326		44.0					90

USAFETAC FORM 0-26-5 (OL A) 82 04 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) APR (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71						.1												1	1		
70/ 69					.2													2	2		
68/ 65						.2												2	2		
64/ 63					.2			.1										3	3		
62/ 61			.2	.3	.1		.1	.2										11	11	3	
60/ 59		.2	.2	.3	.1	.2		.2										15	15	1	1
58/ 57		.2	.4	.2	.4	.2		.2										20	20	7	5
56/ 55	.1	.5		.2	.2	.2	.2	.1										18	18	18	2
54/ 53	.2	.2	.2	.4	.5	.4	.2	.1										26	26	12	12
52/ 51		.7	.4	.5	.9	.4	.2											39	39	11	19
50/ 49	.6	.8	.8	.6	.8	.8	.3											62	62	35	16
48/ 47	.5	1.6	2.0	1.3	1.4	.3	.3											96	96	34	24
46/ 45	.3	1.3	3.0	2.4	1.6	.8	.1											126	126	96	27
44/ 43	.5	2.3	3.8	2.6	2.0	.3	.2											169	169	83	32
42/ 41	1.2	4.2	3.1	2.7	.9	.2												163	163	162	64
40/ 39	2.3	3.4	3.7	2.6	.9	.2												173	173	186	109
38/ 37	1.1	3.7	3.2	2.1	.5	.2												143	143	191	117
36/ 35	.5	3.9	2.9	1.8	.7													129	129	163	132
34/ 33	.5	2.0	2.1	.8	.3													75	75	138	117
32/ 31		1.0	.9	1.0	.2													41	41	109	109
30/ 29		.3	.2	.5														11	11	61	117
28/ 27				.1														1	1	17	99
26/ 25																				13	85
24/ 23																				3	69
22/ 21																				1	42
20/ 19																					30
18/ 17																					26
16/ 15																					20
14/ 13																					17
12/ 11																					10
10/ 9																					7
8/ 7																					8
6/ 5																					7
4/ 3																					8

Efficient (X)	Σx^2	Σx^3	Σx^4	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Bal. Hum.							≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb													
Wet Bulb													
Dew Point													

USAFETAC FORM 0-36-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 STATION | PEASE APB N H/PORTSMOUTH STATION NAME | 50-70 YEARS | APR MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1																					1
TOTAL	7	27	27	120	211	7	4	2	1	4								1326	1326	1326	1326
																		1326		1326	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.					1326							
Dry Bulb					1326							90
Wet Bulb					1326							90
Dew Point					1326							90

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | MAY MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77							.1											1	1		
76/ 75					.1	.1												2	2		
74/ 73					.1	.1												3	3		
72/ 71			.1		.1	.1	.1											5	5		
70/ 69			.3	.4		.1	.1											14	14		
68/ 67		.1	.6	.4	.3	.3	.2											27	27	5	
66/ 65		.3	.5	.4	.4	.1	.1											26	26	9	5
64/ 63		.9	.6	.3	.3	.2	.1											33	33	23	6
62/ 61		.9	.4	.4	.5	.5												37	37	31	24
60/ 59		.2	.5	.6	.6	.4	.1											34	34	33	29
58/ 57	.1	.8	.6	1.0	.8	.5		.1										54	54	24	21
56/ 55	.3	2.0	1.2	.7	.9	.4												78	78	45	31
54/ 53	.6	2.9	2.2	1.1	1.1	.1	.3											116	116	78	47
52/ 51	1.9	3.7	1.6	1.0	.9	.5	.1											138	138	113	92
50/ 49	.6	3.9	2.9	2.1	.9	.2												148	148	124	90
48/ 47	.6	3.4	4.1	2.2	1.6	.1												166	166	119	100
46/ 45	.6	3.6	2.3	1.8	1.0													157	157	157	101
44/ 43	.6	3.7	1.6	1.7	.7	.1												119	119	180	119
42/ 41	.9	2.9	1.5	.4	.3													87	87	139	135
40/ 39	.9	2.2	1.6	1.2	.1													83	83	113	124
38/ 37	.3	1.5	1.1	.4														46	46	88	120
36/ 35		.8	.4	.1														18	18	55	87
34/ 33		.1	.1															3	3	44	75
32/ 31																				12	47
30/ 29																				1	42
28/ 27																					43
26/ 25																					29
24/ 23																					14
22/ 21																					6
20/ 19																					4
18/ 17																					4
TOTAL	7.4	36.1	30.2	18.2	10.9	3.9	1.4	.4										1393	1393	1393	1393

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb								3.8	.4			93
Wet Bulb							.2	.3				93
Dew Point							12.6					93

USAETAC FORM 20-24 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — MAY MONTH

 0300-0900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
76/ 75					.2														3	3		
72/ 71					.1														2	2		
70/ 69			.1	.1	.2														6	6		
68/ 67		.2	.1	.3	.4	.1													15	15	3	
66/ 65		.2	.6	.3	.2														18	18	4	3
64/ 63		.6	.6	.4	.4	.1													29	29	8	2
62/ 61		.4	.3	.3	.4	.3													22	22	32	13
60/ 59		1.1	.6	.6	.7	.4													44	44	23	25
58/ 57	.3	.4	.8	.4	.2	.1													31	31	30	26
56/ 55	.2	1.6	1.6	.6	.6	.1													67	67	43	30
54/ 53	.5	3.2	1.4	1.1	.5														93	93	58	39
52/ 51	1.4	4.4	1.2	1.7	.4	.1													128	128	105	88
50/ 49	1.7	3.5	2.5	1.7	.4	.1													140	140	127	101
48/ 47	1.0	3.7	3.5	1.9	.6	.1													131	131	105	102
46/ 45	1.0	4.7	3.2	.8	.6	.1													145	145	143	81
44/ 43	1.3	4.6	2.7	1.7	.4	.1													134	134	134	98
42/ 41	1.4	3.0	1.7	1.1	.3														105	105	148	134
40/ 39	1.6	2.0	1.6	.9	.3														87	87	103	140
38/ 37	.9	2.4	1.1	.9															79	79	96	120
36/ 35	.1	1.7	.7	.1															38	38	76	89
34/ 33	.1	1.3	.9	.2															37	37	69	57
32/ 31		.1	.1																3	3	32	70
30/ 29		.1																	2	2	12	44
28/ 27																					2	42
26/ 25																						33
24/ 23																						18
22/ 21																						11
20/ 19																						6
18/ 17																						2
16/ 15																						1
TOTAL	11,6	9.0	5.1	5.1	7.0	1.0													1395	1395	1395	1395

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.					1395							
Dry Bulb					1395		.3	1.9	.2			22
Wet Bulb					1395		14.1	.2				33
Dew Point					1395		14.1					33

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04742 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 50-70 YEARS — MAY MONTH

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
84/ 83								.1											1	1		
82/ 81								.1											1	1		
80/ 79						.1	.1												2	2		
78/ 77						.1													1	1		
76/ 75				.1	.1	.3		.1											7	7		
74/ 73					.3	.1	.1	.1	.1										9	9		
72/ 71		.1	.1	.1	.1	.1													7	7		
70/ 69			.1	.2	.1	.3	.1												12	12	4	1
68/ 67		.1	.4	.6	.2		.4	.1											24	24	9	
66/ 65	.1	.2	.4	.4	.9	.4	.1		.1										38	38	10	6
64/ 63		.4	.5	.7	.6	.5	.4	.1											45	45	22	7
62/ 61		.4	.6	.9	1.0	.3		.1	.1										37	37	24	23
60/ 59		.7	.9	1.1	.9	.8	.2												64	64	30	22
58/ 57		1.4	1.1	1.8	1.0	.8	.3	.1											91	91	48	28
56/ 55	.4	2.0	1.3	1.3	1.7	.9	.1												107	107	79	37
54/ 53	.3	3.1	1.6	2.0	1.3	.6	.1	.1											165	165	102	65
52/ 51	.9	3.0	2.0	1.6	2.1	.6	.2												146	146	128	87
50/ 49	.9	1.6	3.3	2.6	1.5	1.0	.3	.1											136	136	129	101
48/ 47	.9	2.8	2.4	1.8	.9	.4	.1												130	130	161	106
46/ 45	.7	3.3	2.2	1.6	.9	.4	.1												127	127	180	96
44/ 43	.4	2.7	1.1	.6	1.0														81	81	195	129
42/ 41	.1	1.4	1.2	1.2	.3	.1													63	63	110	128
40/ 39	1.0	.9	.6	.3	.1														44	44	99	119
38/ 37	.3	.4	.6	.1	.1														22	22	61	103
36/ 35	.1	.1	.4	.1	.1														11	11	48	81
34/ 33		.1	.1	.1															4	4	26	44
32/ 31																					8	37
30/ 29																					2	44
28/ 27																					2	29
26/ 25																						28
24/ 23																						22
22/ 21																						12
20/ 19																						3
18/ 17																						9

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAP ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 60-70 YEARS | MAY MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
16/ 15																					2
14/ 13																					3
12/ 11																					1
TOTAL	6.2	24.8	21.1	20.6	15.4	8.2	2.5	.9	.3									1395	1395		1395
																		1395		1395	

Element (X)	Σx^1	Σx^2	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb								6.3	1.4	.1		93
Wet Bulb							.8	.8				93
Dew Point							18.7	.1				93

USAPETAC FORM 0-36-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — MAY MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93											.1							1	1		
92/ 91											.1							1	1		
90/ 89										.1								1	1		
88/ 87														.1				1	1		
86/ 85							.1	.2	.2			.1						9	9		
84/ 83							.1		.1	.1		.1						7	7		
82/ 81						.1	.1	.2	.1	.1	.1							11	11		
80/ 79					.2	.1	.2	.1		.2	.1	.1						13	13		
78/ 77						.2	.1	.1	.4	.2	.1		.1					16	16		
76/ 75			.1	.1	.1	.3	.3	.1	.4	.4	.1							30	30		
74/ 73			.1		.4	.5	.5	.9	.4	.7	.2							52	52	4	
72/ 71				.1	.3	.4	.9	.5	.3	.3	.1							40	40	15	
70/ 69				.4	.7	.6	1.1	.9	.6	.1	.1							63	63	5	4
68/ 67			.2	.1	.3	1.4	.9	1.1	.4	.3								69	69	13	9
66/ 65		.2	.4	.3	.7	1.3	.8	1.1	.1	.2								77	77	25	6
64/ 63		.4	.4	.4	1.1	.9	1.7	.9	.9	.1								96	96	35	12
62/ 61	.1	.4	.3	.6	1.1	1.4	1.4	1.2	.6	.1								104	104	62	28
60/ 59	.1	.2	.4	1.1	1.8	1.6	2.2	1.6	.6	.1								133	133	68	36
58/ 57		1.1	.9	.9	1.1	1.6	1.6	.9	.1									115	115	88	30
56/ 55	.1	1.1	1.1	.9	.7	1.3	2.1	.8	.1									115	115	115	52
54/ 53	.3	1.1	.9	1.4	1.7	2.0	1.3	.4	.2									129	129	123	59
52/ 51	.4	1.3	1.0	1.1	1.1	1.0	.9	.4										102	102	141	97
50/ 49	.4	1.1	.6	.5	.5	.8	.4											61	61	120	94
48/ 47	.3	1.1	.4	.4	.9	.4	.1											53	53	132	89
46/ 45	.2	1.4	.3	.2	.6	.4												44	44	141	114
44/ 43	.4	.6	.1		.1	.3												20	20	115	102
42/ 41	.4	.5			.1													13	13	70	97
40/ 39	.4	.3			.1	.1												12	12	69	96
38/ 37	.1	.1			.1													5	5	33	71
36/ 35		.1																2	2	11	68
34/ 33																				4	63
32/ 31																				3	89
30/ 29																				1	93
28/ 27																					99

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 90 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAETAC FORM 0-26-5 (OL A) SUPERSEDES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) MAY (MONTH)

PAGE 2 0900-1100 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
26/ 25																					30
24/ 23																					30
22/ 21																					16
20/ 19																					14
18/ 17																					14
16/ 15																					6
14/ 13																					8
12/ 11																					4
10/ 9																					1
TOTAL	9.2	11.1	7.7	8.7	10.1	17.2	10.8	11.2	5.7	2.9	.9	.3	.1	.1				1395		1395	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.					1395							
Dry Bulb					1395			30.8	9.8	2.8	.1	93
Wet Bulb					1395		.8	2.8	.3			93
Dew Point					1395		10.1	.8				93

USAFETAC FORM 0-3-5 (OL A) 2-64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06763 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | MAY MONTH

PAGE 1 | 1200-1600 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99																.1		1	1		
98/ 97														.1				1	1		
96/ 95												.1	.1	.1				3	3		
94/ 93												.1						1	1		
90/ 89										.1			.1					3	3		
88/ 87								.3	.1		.1	.3	.1					12	12		
86/ 85							.1	.4	.2	.1	.3		.1					16	16		
84/ 83						.1	.1	.1	.1	.4	.1	.1	.1					17	17		
82/ 81							.5	.4	.1	.2	.1	.4	.1					25	25		
80/ 79						.1	.3	.2	.4	.2	.8	.4	.1					33	33		
78/ 77						.1	.3	.6	.4	.6	.6	.3						42	42		
76/ 75					.1	.2	.3	.4	.4	.4	.3	.2						34	34		
74/ 73				.1	.1	.1	.6	.7	1.1	.4	.4							51	51	11	
72/ 71				.1	.2	.4	.6	.9	.6	.7	.3	.1						55	55	11	
70/ 69			.1	.2	.7	.1	.6	1.2	1.0	.6	.2	.1						68	68	14	1
68/ 67		.1	.2	.3	.3	.8	1.3	1.1	1.2	.9	.2							88	88	24	7
66/ 65		.1	.1	.2	1.1	.8	1.2	1.5	.9	.7	.1							95	95	39	6
64/ 63		.4	.4	.4	.9	1.0	1.2	1.1	1.7	.1	.1							102	102	38	26
62/ 61		.4	.7	.5	.9	1.3	.9	1.3	1.2	.3								106	106	50	23
60/ 59	.1	.6	.8	.5	1.1	1.2	1.4	1.7	.3	.1								107	107	86	25
58/ 57		1.1	.7	.7	.6	.8	1.6	1.8	.4	.1								109	109	111	43
56/ 55	.1	.8	.6	.5	.8	1.6	1.9	.2	.4									97	97	120	57
54/ 53	.1	1.1	.6	1.1	.6	.9	.5	.6										78	78	124	60
52/ 51	.6	1.6	1.3	.9	.8	.7	.6	.1										85	85	138	81
50/ 49	.1	1.1	.8	.4	.8	.6	.2	.1										58	58	128	78
48/ 47		1.1	.1	.2	.7	.2	.1											34	34	131	88
46/ 45	.1	1.6	.2	.6	.1		.1											38	38	137	130
44/ 43	.3	.3	.1		.2	.1	.1											19	19	89	98
42/ 41	.3	.4																10	10	62	104
40/ 39		.1	.1															3	3	43	71
38/ 37		.3																4	4	11	75
36/ 35																				5	74
34/ 33																				3	76
32/ 31																					89

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | MAY MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
30/ 29																					63
28/ 27																					50
26/ 25																					31
24/ 23																					17
22/ 21																					11
20/ 19																					10
18/ 17																					16
16/ 15																					5
14/ 13																					5
12/ 11																					3
10/ 9																					2
TOTAL	1.5	11.3	6.8	6.7	10.5	11.1	14.2	14.8	10.8	5.7	3.7	1.9	.5	.1		.1		1395	1395	1395	1395
																		1395		1395	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	72220	51.781.847		1398							
Dry Bulb	[illegible]	[illegible]	62.410.430		1398			30.0	15.9	6.5	.6	93
Wet Bulb	[illegible]	[illegible]	53.191.278		1398			6.0	.7			93
Dew Point	[illegible]	[illegible]	47.350.890		1398		18.1	.8				93

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) MAY (MONTH)

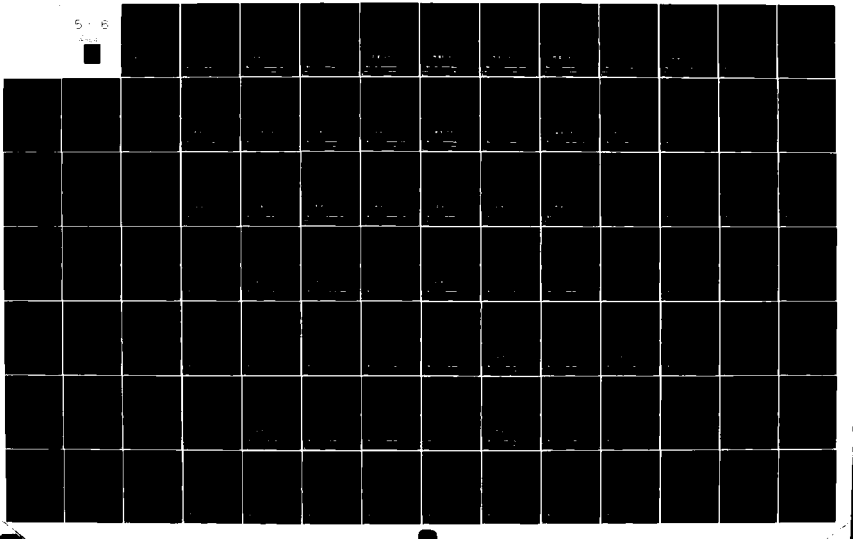
PAGE 1 1500-1700 (HOURS (L. S. T.))

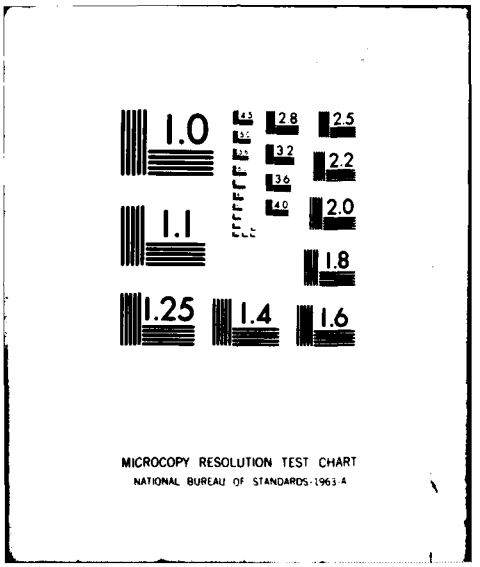
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97														.1	.1			2	2		
96/ 95													.1					1	1		
94/ 93												.2						3	3		
92/ 89							.1			.1			.1					5	5		
88/ 87										.1	.2	.2						7	7		
86/ 85							.2	.1	.1		.3	.1	.1					11	11		
84/ 83						.1	.1	.3	.4	.1	.3	.2						21	21		
82/ 81							.1	.3	.3	.1	.5	.4	.2	.1				28	28		
80/ 79						.2	.1	.6	.3		.6	.4	.4					36	36		
78/ 77				.1	.1		.3	.5	.2	.1	.6							25	25	1	
76/ 75				.1	.2		.2	.4	.4	1.1	.4	.1	.1					41	41		
74/ 73					.1		.4	.1	.6	.5	.4	.2	.1					32	32	5	1
72/ 71				.2	.1	.8	.4	.8	.9	.6	.4	.3						60	60	15	
70/ 69			.1	.2	.2	.2	.6	.8	.8	.4	.1	.4						54	54	11	4
68/ 67			.6	.1	.6	.4	.7	1.0	.9	.5	.3	.1						75	75	21	4
66/ 65		.3	.1	.1	.6	.6	.9	.4	.9	.4	.1							65	65	42	7
64/ 63		.2	.5	.5	.8	1.3	.9	.8	.7	.4								85	85	34	26
62/ 61		.4	.5	.6	.6	1.5	1.6	1.1	1.2	.6								108	108	39	12
60/ 59	.1	.2	.9	1.3	1.4	1.1	1.4	1.4	.3	.2								118	118	75	27
58/ 57	.1	.7	1.0	.9	1.1	1.5	1.5	.9	.5	.1								117	117	93	42
56/ 55	.1	1.0	.9	1.4	1.1	1.4	1.9	.4	.2									116	116	119	43
54/ 53	.3	1.0	1.2	.6	1.2	.9	.9	.6										90	90	121	65
52/ 51	.6	1.5	1.3	.9	.8	.6	.6	.1										89	89	144	81
50/ 49	.1	1.6	1.2	1.1	1.1	.6	.1											78	78	139	65
48/ 47	.2	1.1	.2	.9	.3	.4	.2											47	47	153	101
46/ 45	.1	1.0	.5	.2	.2		.1											29	29	162	123
44/ 43	.2	1.5	.2	.2	.1													31	31	108	118
42/ 41	.2	.2	.2	.1														12	12	73	99
40/ 39	.1	.1	.1															5	5	34	93
38/ 37		.3																4	4	16	74
36/ 35																				9	86
34/ 33																				1	61
32/ 31																					33
30/ 29																					24

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) SERIES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A082 411 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PEASE AFB, PORTSMOUTH, NEW HAMPSHIRE. REVISED UNIFORM SUMMARY O--ETC(U)
MAY 72
UNCLASSIFIED USAFETAC/DS-80/019 NL




1.0
1.1
1.25
1.4
1.6
2.8
3.2
3.6
4.0
2.5
2.2
2.0
1.8
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | MAY MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
28/ 27																					37
26/ 25																					22
24/ 23																					18
22/ 21																					12
20/ 19																					13
18/ 17																					21
16/ 15																					6
14/ 13																					1
12/ 11																					1
10/ 9																					2
8/ 7																					1
TOTAL	2.1	11.3	9.8	9.4	10.8	11.3	13.0	10.7	8.7	8.1	4.0	2.7	1.0	.1	.1			1395	1395	1395	1395

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1395	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1395			26.7	10.1	0.7	.4	93
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1395			2.8	.4			93
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1395		17.8	.4	.1			93

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | MAY MONTH

1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
92/ 91											.1	.1						2	2		
88/ 87									.1	.1								2	2		
86/ 85									.1	.1	.2							6	6		
84/ 83								.1	.1									2	2		
82/ 81							.1	.1		.2	.1	.1						9	9		
80/ 79						.2	.1	.1	.1	.1	.2	.1						16	16		
78/ 77					.1	.2	.2		.1	.1	.3							14	14		
76/ 75					.1	.1	.4	.2	.1	.3	.1							21	21		
74/ 73			.1	.2	.2	.2	.4	.2	.4	.1	.1							27	27		
72/ 71		.1	.1	.1	.4	.5	.1	.3	.4	.4	.1							38	38	6	
70/ 69		.1	.3	.3	.2	.4	.2	.7	.2	.1	.2							37	37	13	1
68/ 67			.4	.4	.3	.6	.7	.9	.1	.4	.1							53	53	17	4
66/ 65		.6	.6	.2	.2	.9	.8	.7	.8	.2	.1							68	68	21	12
64/ 63		.3	.3	.4	.4	.6	.7	.6	.7	.1								56	56	39	16
62/ 61		.1	.7	.7	1.1	.9	.6	.3	.4									72	72	40	20
60/ 59		.6	.6	.8	1.4	.6	.6	.7	.6									78	78	32	30
58/ 57	.4	1.3	1.2	.9	1.6	.9	1.1	.6	.1									114	114	80	40
56/ 55	.1	1.6	1.6	1.1	1.6	1.6	.8	.6	.1									123	123	85	42
54/ 53	.2	1.8	1.6	1.1	1.6	1.4	.8	.4										119	119	114	92
52/ 51	1.0	1.8	1.5	1.7	1.3	.8	.9	.1										128	128	125	82
50/ 49	.2	3.0	2.1	1.3	1.0	.9	.3											128	128	140	76
48/ 47	.1	2.3	1.1	2.0	1.1	.6												109	109	133	110
46/ 45		2.9	.9	1.1	.4	.4												80	80	138	110
44/ 43	.3	1.9	.6	.2	.1	.1												47	47	139	128
42/ 41	.2	.9	.1	.3	.1	.1												24	24	109	116
40/ 39	.1	.6	.1	.1														12	12	77	104
38/ 37	.2	.4	.1															7	7	34	82
36/ 35																		3	3	17	83
34/ 33																				6	67
32/ 31																					49
30/ 29																					30
28/ 27																					20
26/ 25																					24
24/ 23																					11

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAETAC FORM 0-26-5 (OL-A) SUPERSEDES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 50-70 YEARS — MAY MONTH

PAGE 2 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
22/ 21																					16
20/ 19																					18
18/ 17																					13
16/ 15																					1
TOTAL	3.0	20.2	13.8	13.8	13.1	12.1	8.9	6.7	4.2	2.4	1.0	.3						1395	1395	1395	1395

Element (X)	$\Sigma_n X^2$	$\Sigma_n X$	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb								15.1	4.8	1.8		21
Wet Bulb								2.4				21
Dew Point							14.8	.2				21

USAFETAC FORM 0-24-5 (OL A) 20-54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE APB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — MAY MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83								.1										1	1		
82/ 81								.1	.1									2	2		
80/ 79						.1	.1	.1										3	3		
78/ 77							.1											1	1		
76/ 75				.1	.2	.1	.1	.1										9	9		
74/ 73					.1	.1	.1	.2	.1									7	7		
72/ 71			.3	.3	.2	.1	.1	.1										15	15	1	
70/ 69		.3	.2	.9	.1	.1	.5	.2										34	34	2	
68/ 67		.5	.5	.2	.2	.6	.2	.1	.2									36	36	19	6
66/ 65		.3	.6	.3	.6	.1	.4	.1	.1	.1								38	38	16	14
64/ 63		.4	.6	.3	.3	.6	.8		.1									43	43	33	9
62/ 61		.3	.2	.6	1.3	.4	.4	.1	.1									55	55	26	26
60/ 59		.4	.3	1.1	.6	.7	.6	.4										61	61	34	28
58/ 57	.4	.4	.6	1.3	.7	1.4	.2	.4										82	82	42	22
56/ 55	.1	2.6	1.1	.6	.9	.9	.6											98	98	56	35
54/ 53	.6	2.7	1.6	1.1	1.9	1.0	.5											121	121	106	60
52/ 51	1.0	3.2	2.2	1.9	1.7	.6	.1											147	147	112	86
50/ 49	1.0	3.9	2.2	1.6	1.6	.5	.2											153	153	132	90
48/ 47	.6	3.8	2.0	2.2	1.5	.9	.1											153	153	146	111
46/ 45	.6	3.5	2.7	1.9	.8	.5												136	136	173	122
44/ 43	.9	2.9	1.3	.6	.9	.4												97	97	153	114
42/ 41	.2	1.6	1.2	.2	.1													45	45	146	112
40/ 39	.6	.6	.6	.4	.1													33	33	88	115
38/ 37		.6	.2	.1														13	13	33	104
36/ 35		.2																3	3	41	90
34/ 33																				12	72
32/ 31																					34
30/ 29																					21
28/ 27																					27
26/ 25																					19
24/ 23																					17
22/ 21																					10
20/ 19																					9
18/ 17																					4

Number (N)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — MAY MONTH

PAGE 2 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	9.9	28.5	18.6	19.0	13.9	9.2	5.4	1.9	.6	.1								1395	1395	1395	1395	1395

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb								[illegible]	[illegible]	[illegible]		[illegible]
Wet Bulb								[illegible]				[illegible]
Dew Point							[illegible]	[illegible]				[illegible]

USAFETAC FORM 0-3-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

04743 PEASE AFB N H/PORTSMOUTH 56-70 JUN
STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77				.1		.1												2	2		
76/ 75		.1	.3	.1	.1	.1												10	10		
74/ 73			.1	.7	.5	.2	.1	.1										23	23	3	
72/ 71		.2	.4	1.0	.6	.3	.1											34	34	5	3
70/ 69	.1	.6	2.2	1.3	.4	.1	.2											67	67	9	7
68/ 67	.1	1.2	2.7	1.1	.5	.3	.1											82	82	49	15
66/ 65	.4	3.1	2.2	2.0	.8	.6												123	123	77	50
64/ 63	.5	2.2	1.7	1.5	.7	.1												91	91	114	93
62/ 61	.1	1.6	2.6	1.9	1.0	.1	.1											100	100	74	88
60/ 59	.4	4.2	1.9	2.5	1.3	.2												142	142	98	74
58/ 57	.3	5.3	3.6	2.1	.4	.1	.1											161	161	142	103
56/ 55	1.6	3.7	2.6	1.3	.6	.3												160	160	199	137
54/ 53	1.2	4.6	1.9	.4	.4		.1											116	116	184	147
52/ 51	.7	3.9	1.7	1.3		.1												105	105	125	163
50/ 49	.7	3.6	1.3	.3	.1													80	80	103	128
48/ 47		1.7	.6	.1														30	30	86	123
46/ 45	.2	.7	.3															17	17	59	84
44/ 43	.2	.1	.1															4	4	18	41
42/ 41																				8	25
40/ 39																					22
38/ 37																					6
36/ 35																					7
34/ 33																					1
32/ 31																					1
30/ 29																					1
28/ 27																					1
TOTAL	6.7	39.1	30.1	17.7	7.8	3.5	.7	.1										1369	1349	1350	1350

Element (X)	$\Sigma x'$	Σx_i	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb								16.8	8.3			90
Wet Bulb								4.4	.2			90
Dew Point							.1	1.7				90

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — JUN MONTH

PAGE 1 — 0300-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73		.1	.3	.1				.1										9	9		
72/ 71			.2	.6	.4													16	16	2	1
70/ 69		.3	1.6	1.0	.2													42	42	4	3
68/ 67	.1	2.0	1.7	.6	.4													64	64	29	8
66/ 65	.3	2.8	1.6	1.0	.6	.4												89	89	60	38
64/ 63	.8	3.0	3.0	1.1	.2	.1												112	112	97	84
62/ 61	.7	2.4	2.3	1.2	.3													97	97	76	78
60/ 59	.1	4.7	3.1	.9	.3	.1												126	126	101	72
58/ 57	.3	5.3	2.9	1.9	.1													142	142	136	106
56/ 55	2.6	7.0	3.2	.9	.3	.1												187	187	177	163
54/ 53	1.3	6.1	2.4	.7	.1	.1	.1											144	144	173	163
52/ 51	1.9	5.1	1.3	.8	.1	.1												129	129	178	159
50/ 49	.6	3.9	1.5	.4														86	86	109	122
48/ 47	.1	2.3	1.6															57	57	73	127
46/ 45	.4	1.4	.5															31	31	79	75
44/ 43	.2	.8	.3															18	18	38	59
42/ 41		.1	.1															3	3	12	43
40/ 39																				5	30
38/ 37																				1	13
36/ 35																					2
34/ 33																					2
32/ 31																					2
30/ 29																					2
TOTAL	9.1	57.8	37.7	11.3	3.2	.8	.1	.1											1350		1350
																		1350		1350	

Element (X)	$\bar{X}'$	s_x	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hem.					1350							
Dry Bulb					1350			8.9	.6			90
Wet Bulb					1350			2.9				90
Dew Point					1350		.2					90

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 PEASE AFB N H/PORTSMOUTH 56-70 JUN
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83							.1	.1										2	2		
82/ 81					.1	.1	.1	.1										5	5		
80/ 79				.1	.1	.1	.1	.1										6	6		
78/ 77				.3	.4	.3	.1	.1										16	16		
76/ 75				.4	.4	.4	.1		.1									19	19		
74/ 73			.4	1.3	1.0	.3	.1											42	42	3	
72/ 71		.1	1.3	.8	.7	.7	.4	.1	.1									55	55	10	2
70/ 69		.4	1.8	1.9	1.3	.7	.3	.1										88	88	30	7
68/ 67	.1	1.7	1.6	2.1	1.4	1.3		.1										112	112	67	26
66/ 65	.3	1.2	1.9	2.3	1.3	.8	.7	.1	.1									119	119	78	66
64/ 63	.4	1.6	2.7	1.9	1.2	.6	.4	.1										120	120	99	77
62/ 61	.1	2.9	2.8	2.7	1.3	.6												139	139	106	72
60/ 59	.1	3.3	3.4	2.1	1.4	.6	.2											151	151	146	107
58/ 57	1.0	4.3	2.6	1.8	1.0	.1	.1	.1										148	148	167	127
56/ 55	1.6	3.2	1.6	1.6	.9	.3												122	122	204	172
54/ 53	.8	3.0	1.3	1.3	.4	.1												102	102	181	163
52/ 51	.3	1.6	1.4	.7	.1													58	58	129	130
50/ 49	.3	1.0	.9	.4														30	30	87	100
48/ 47		.3	.2	.1														11	11	54	80
46/ 45	.1	.1	.1															5	5	36	78
44/ 43																				9	51
42/ 41																				2	29
40/ 39																					21
38/ 37																					7
36/ 35																					10
34/ 33																					3
32/ 31																					1
30/ 29																					1
TOTAL	5.3	29.9	29.0	21.7	15.9	7.0	2.7	.8	.2									1330	1330	1330	1330

Element (X)	$\bar{X}$	s_x	No. Obs.	Mean No. of Hours with Temperature						
				≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.										
Dry Bulb						23.6	6.0	.6		30
Wet Bulb						7.3	.2			30
Dew Point					.1	2.3				30

USAFETAC FORM 0-30-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 PEASE AFB N H/PORTSMOUTH 56-70 JUN
STATION STATION NAME YEARS MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91									.1	.1								2	2		
90/ 89								.1	.2	.1		.1						7	7		
88/ 87							.1		.1	.3	.1							8	8		
86/ 85						.1	.4	.6	.3	.1	.1			.1				24	24		
84/ 83					.1	.6	.5	.5	.6	.3	.1	.1						39	39		
82/ 81					.4	.8	1.2	1.0	.9	.4	.2	.1						62	62		
80/ 79				.1	.6	1.3	.8	1.0	.7	.3	.4							71	71		
78/ 77			.1	.4	1.0	1.3	1.6	1.6	.7	.4	.1							100	100	1	
76/ 75				.3	1.2	1.4	1.6	1.4	.7	.3		.1						94	94	8	1
74/ 73			.1	1.1	1.4	1.6	1.3	1.5	.7	.4	.1							111	111	33	
72/ 71		.1	.5	1.5	1.5	1.6	1.1	.8	.7	.2								109	109	47	8
70/ 69		.5	.6	1.3	1.1	1.3	1.3	.5	.5	.1								95	95	81	28
68/ 67		.3	1.3	.9	1.6	1.7	.9	1.4	.2	.1								115	115	107	50
66/ 65		1.4	1.6	1.0	1.0	1.0	1.0	.9	.2	.1	.1							112	112	115	80
64/ 63	.1	1.0	1.2	1.0	.7	1.1	1.2	.5	.1									93	93	154	83
62/ 61	.2	1.3	1.1	.4	1.1	1.2	.8	.2	.1									89	89	147	97
60/ 59	.1	1.6	.7	.5	.8	.3	.7	.3										66	66	150	138
58/ 57	.6	2.2	.7	.3	.8	.1												59	59	123	125
56/ 55	.1	1.6	.4	.5	.1	.1												39	39	107	137
54/ 53	.1	1.4	.2	.2														30	30	116	110
52/ 51	.1	.8	.4															18	18	83	99
50/ 49	.1	.1																4	4	56	82
48/ 47																				16	63
46/ 45		.2																2	2	6	47
44/ 43																					70
42/ 41																					46
40/ 39																					25
38/ 37																					14
36/ 35																					10
34/ 33																					7
32/ 31																					1
30/ 29																					2
28/ 27																					2
26/ 25																					1

Statistic (F)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Wet Bulb												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06763 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | JUN MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.3	12.7	9.0	9.6	13.3	15.6	14.5	12.4	6.4	3.3	1.3	.4		.1				1350	1350	1350	1350

Element (X)	$\bar{X}_{B'}$	$\bar{X}_{\Delta}$	$\bar{X}$	σ_{Δ}	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb								38.8	36.8	11.8		88
Wet Bulb								18.8	2.8			88
Dew Point							.7	3.8	.1			88

USAFETAC FORM 0-36-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — JUN MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95									.1	.1		.1	.1					5	5		
94/ 93										.1		.2						5	5		
92/ 91								.1	.1		.2	.1	.1					8	8		
90/ 89							.1	.5	1.0	.1	.4	.2	.3	.1				26	26		
88/ 87					.1	.1	.3	.4	1.0	.7	.2		.1					40	40		
86/ 85						.1	.4	1.1	1.0	.5	.4	.4	.4	.1				60	60		
84/ 83					.1	.4	1.2	.8	1.4	1.6	.6	.4	.1					90	90		
82/ 81					.1	.6	1.2	1.2	1.0	1.0	.4	.4						80	80		
80/ 79					.4	.9	.9	.7	1.7	1.1	.4	.2						85	85	2	
78/ 77				.1	1.0	.9	1.1	1.1	1.3	1.2	.3	.4						100	100	8	
76/ 75				.5	.7	.6	1.0	1.3	1.4	.6	.4	.1						89	89	22	1
74/ 73			.4	.4	.8	1.0	.6	.6	.4	.7								67	67	44	6
72/ 71		.1	.4	.7	.6	1.0	1.1	.6	1.1	.4								82	82	62	9
70/ 69	.1	.3	.7	1.1	1.3	.9	1.1	1.7	.4	.4	.1							112	112	110	26
68/ 67		.7	.5	1.7	.8	.7	1.2	1.3	.6	.4	.1							108	108	104	72
66/ 65	.1	.6	1.4	1.6	.8	.7	.7	.7	.1	.1	.1							95	95	120	72
64/ 63	.1	.7	.7	.2	.5	1.1	1.0	.1		.1								63	63	139	82
62/ 61		.7	.3	.3	.8	.5	.3	.2	.1									43	43	136	101
60/ 59	.1	.7	1.0	.9	.8	.4												54	54	128	103
58/ 57	.1	2.1	.7	.3	.3	.1												50	50	99	115
56/ 55	.1	1.3	.8	.2														34	34	119	132
54/ 53	.1	.6	.4															14	14	117	94
52/ 51	.3	1.0	.1															22	22	69	108
50/ 49	.1	.2																5	5	39	91
48/ 47		.1																1	1	8	78
46/ 45		.1																2	2	4	70
44/ 43																					67
42/ 41																					32
40/ 39																					29
38/ 37																					10
36/ 35																					10
34/ 33																					8
32/ 31																					6
30/ 29																					4

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | JUN MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
28/ 27																						1
26/ 25																						4
22/ 21																						1
TOTAL	1.5	9.6	7.5	8.1	9.0	10.1	12.2	12.5	12.9	9.2	3.5	2.6	1.2	.1					1350	1350	1350	1350
																			1350		1350	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 80-54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04742 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUN (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
96/ 95												.1							2	2		
94/ 93									.1	.1	.2	.1							6	6		
92/ 91								.-		.2	.2	.1							12	12		
90/ 89							.1	.2	.5	.6	.7	.1	.2	.1					36	36		
88/ 87							.1	.7	1.0	.5	.3	.1	.1	.1					39	39		
86/ 85						.1	.2	1.1	1.1	.8	.5	.1	.1	.1					58	58		
84/ 83						.2	.4	.9	1.0	1.0	.8	.2	.3						64	64		
82/ 81					.1	.8	1.0	1.0	.8	1.1	.5	.1							73	73		
80/ 79				.1	.3	.7	.8	.6	1.0	1.0	.7	.6							78	78		
78/ 77				.4	.9	1.0	.4	.7	1.3	1.1	.7								89	89	9	
76/ 75		.1	.2	.6	.9	.7	1.4	.9	1.1	.5	.2								90	90	12	
74/ 73		.1	.4	.2	.7	1.1	.6	.6	1.2	.7									77	77	44	6
72/ 71		.2	.9	1.2	.7	1.0	1.0	.7	.7	.2	.2	.1							94	94	70	11
70/ 69		.6	.8	1.2	1.0	1.0	1.4	1.4	.4	.7									111	111	112	25
68/ 67	.1	.3	.7	.7	1.0	1.0	1.0	.7	.4	.1									83	83	87	58
66/ 65	.1	.7	1.4	1.6	.7	.5	.9	.6	.2	.1									91	91	111	64
64/ 63	.1	1.0	.5	1.0	.8	1.0	.5	.1											68	68	131	110
62/ 61	.1	.7	1.1	.8	1.6	.8	.6	.1											73	73	145	99
60/ 59	.1	1.0	.2	1.0	.7	.7	.1												52	52	131	85
58/ 57	.1	1.8	.4	.2	.2	.1													37	37	129	94
56/ 55	.4	2.3	.9	.5	.1														57	57	111	140
54/ 53	.1	1.2	.6																27	27	123	97
52/ 51	.7	.5	.1																19	19	73	124
50/ 49	.1	.8																	12	12	46	108
48/ 47		.1																	2	2	12	92
46/ 45	.1																		2	2	4	67
44/ 43																						65
42/ 41																						36
40/ 39																						39
38/ 37																						10
36/ 35																						8
34/ 33																						1
32/ 31																						2
30/ 29																						6

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 50-70 YEARS | JUN MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
28/ 27																					2
26/ 25																					1
TOTAL	1.9	11.4	8.2	9.6	9.8	10.4	10.5	10.5	11.0	8.7	5.2	1.8	.7	.2				1350	1350	1350	1350

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1350							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1350			60.7	41.3	22.0	.3	90
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1350			22.3	4.3			90
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1350		.7	4.7	.4			90

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — JUN MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91											.1							1	1		
90/ 89								.1		.1								3	3		
88/ 85						.1	.1	.4	.4	.4	.1							20	20		
84/ 83						.1	.4	.7	.2	.2	.1	.1						24	24		
82/ 81				.1	.2	.7	1.1	.4	.4	.1	.1							43	43		
80/ 79				.1	.4	1.1	.9	.8	.7	.3	.1							99	99		
78/ 77			.1	.1	.9	.7	.9	1.0	.7	.2	.1							62	62		
76/ 75			.1	.7	1.0	1.0	.6	.6	.6	.2	.1							68	68	7	
74/ 73		.2	.5	1.5	1.0	.6	.8	1.2	.4	.2								87	87	14	2
72/ 71		.4	1.2	1.2	1.3	.7	1.4	.7	.9	.1								106	106	41	9
70/ 69	.1	.4	1.5	1.3	1.3	.7	1.3	1.0	.2	.1	.1							110	110	97	24
68/ 67		.4	.9	1.0	1.1	1.2	.6	.4	.2									79	79	87	43
66/ 65	.1	1.0	1.6	1.6	1.6	1.5	.6	.3										111	111	105	80
64/ 63	.4	1.6	1.2	1.0	1.6	.8	.3	.2	.1									99	99	103	107
62/ 61		1.3	1.1	1.0	.9	.9	.4	.1										76	76	132	86
60/ 59	.1	2.1	1.0	1.9	1.3	.6	.2	.1										102	102	130	83
58/ 57	.1	2.1	1.7	1.1	1.3	.2	.1											90	90	130	108
56/ 55	1.0	2.8	1.0	1.4	.4													98	98	161	126
54/ 53	.1	2.0	1.3	.4	.1													53	53	122	126
52/ 51	.4	1.4	1.1	.1														41	41	98	141
50/ 49		.7																9	9	84	112
48/ 47		.2	.1															4	4	28	91
46/ 45	.2																	3	3	9	86
44/ 43	.1																	2	2	2	56
42/ 41																					29
40/ 39																					15
38/ 37																					14
36/ 35																					2
34/ 33																					2
32/ 31																					1
30/ 29																					2
28/ 27																					1
TOTAL	2.7	17.3	14.0	14.7	14.5	11.1	9.6	8.0	4.4	1.9	.8	.1						1350	1350	1350	1350

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1350							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1350			44.1	24.5	8.8		90
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1350			16.4	1.4			90
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1350		.6	5.3	.1			90

USAFETAC FORM 0-26-5 (OL A) 3254 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUN (MONTH)

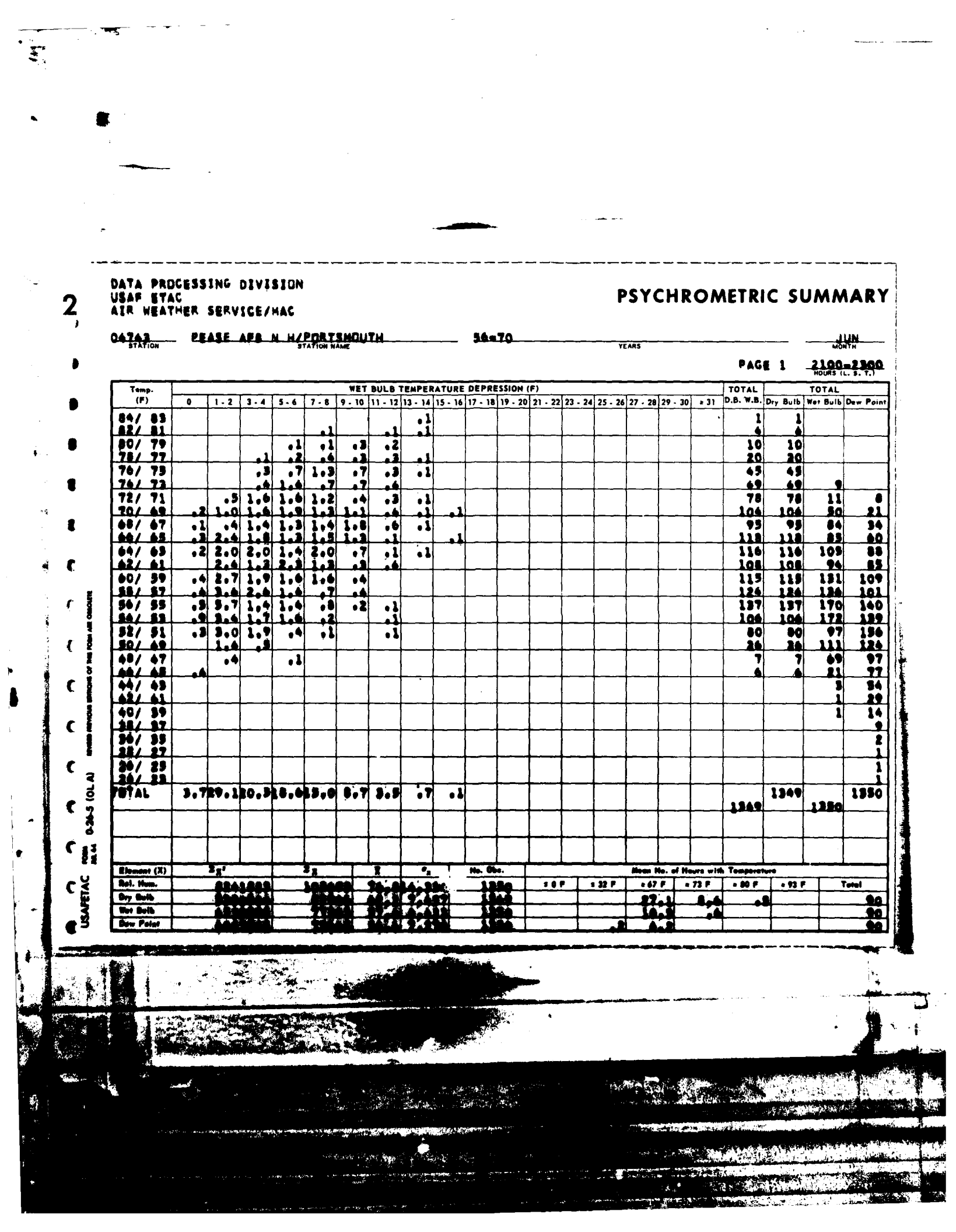
 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83								.1										1	1		
82/ 81					.1		.1	.1										4	4		
80/ 79				.1	.1	.3	.2											10	10		
78/ 77			.1	.2	.4	.3	.3	.1										20	20		
76/ 75			.3	.7	1.3	.7	.3	.1										45	45		
74/ 73			.4	1.4	.7	.7	.4											69	69	9	
72/ 71		.5	1.6	1.6	1.2	.4	.3	.1										78	78	11	8
70/ 69	.2	1.0	1.6	1.9	1.3	1.1	.4	.1	.1									104	104	50	21
68/ 67	.1	.4	1.4	1.3	1.4	1.8	.6	.1										95	95	84	34
66/ 65	.3	2.4	1.8	1.3	1.5	1.3	.1		.1									118	118	83	40
64/ 63	.2	2.0	2.0	1.4	2.0	.7	.1	.1										116	116	109	88
62/ 61		2.4	1.3	2.3	1.3	.3	.4											108	108	94	85
60/ 59	.4	2.7	1.9	1.6	1.6	.4												115	115	131	109
58/ 57	.4	3.4	2.4	1.4	.7	.4												126	126	136	101
56/ 55	.5	3.7	1.4	1.4	.8	.2	.1											137	137	170	140
54/ 53	.9	3.4	1.7	1.6	.2		.1											106	106	172	139
52/ 51	.3	3.0	1.9	.4	.1		.1											80	80	97	156
50/ 49		1.4	.3															26	26	111	124
48/ 47		.4		.1														7	7	69	97
46/ 45	.4																	6	6	21	77
44/ 43																				3	34
42/ 41																				1	29
40/ 39																				1	14
38/ 37																					9
36/ 35																					2
34/ 33																					1
32/ 31																					1
30/ 29																					1
TOTAL	3.7	29.1	20.3	18.6	15.0	8.7	3.5	.7	.1									1349	1349		1350
																		1349		1350	

Element (X)	$\Sigma_i x_i^2$	$\Sigma_i x_i$	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature						
≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total

FORM 26-5 (OL A) USAFETAC



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUL (MONTH)

 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81					.1													1	1		
80/ 79					.1													2	2		
78/ 77			.1	.3	.1	.1												10	10		
76/ 75		.1	1.1	.4	.6	.4												35	35		
74/ 73		.9	1.2	1.3	.4	.3												58	58	9	3
72/ 71	.1	1.3	1.3	1.1	.6	.2												64	64	36	22
70/ 69	.1	2.5	2.7	2.2	.9	.3												120	120	67	38
68/ 67	.6	4.5	4.8	1.7	1.0	.2												179	179	82	73
66/ 65	1.1	4.7	3.5	2.4	.7	.1												174	174	178	110
64/ 63	1.4	6.8	4.4	2.6	.6													217	217	183	169
62/ 61	.2	5.7	4.2	2.2	.4	.1												179	179	199	168
60/ 59	1.2	4.7	3.0	2.0	.6	.1												161	161	196	188
58/ 57	.4	2.9	2.2	.8	.4													95	95	174	155
56/ 55	.3	1.9	1.6	.6	.2													58	58	113	165
54/ 53	.4	.9	.6	.2														29	29	77	111
52/ 51		.2	.6															9	9	43	79
50/ 49		.1	.2															4	4	21	53
48/ 47																				12	22
46/ 45																				1	19
44/ 43																					13
42/ 41																					7
TOTAL	5.8	27.3	21.2	17.6	6.2	1.9												1395	1395	1395	1395

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06743 PEASE AFB N H/PORTSMOUTH 50-70 JUL
STATION STATION NAME YEARS MONTH

PAGE 1 0300-0900
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79					.1													1	1		
78/ 77				.1	.3													5	5		
76/ 75			.8	.1	.1	.1												12	12		
74/ 73		.9	.7	.4	.4	.1												35	35	1	
72/ 71		1.6	1.0	.7	.1	.1												49	49	30	15
70/ 69	.1	2.3	2.1	.2	.1	.1												71	71	90	35
68/ 67	.8	3.3	3.7	1.4	.5	.1												137	137	70	65
66/ 65	1.6	3.7	3.9	1.2	.3													176	176	129	88
64/ 63	1.0	7.7	3.5	1.0	.3													186	189	162	144
62/ 61	1.1	8.0	3.8	1.4	.1													201	201	209	165
60/ 59	1.2	7.8	3.3	1.8	.1													197	197	201	196
58/ 57	.6	4.3	1.9	.6	.1													103	103	177	162
56/ 55	.3	3.5	2.0	.4														86	86	122	149
54/ 53	.6	2.3	1.7	.2														68	68	110	121
52/ 51	.2	1.4	1.1	.1														40	40	61	110
50/ 49		.9	.1															14	14	48	54
48/ 47		.4	.1															7	7	26	35
46/ 45																				7	17
44/ 43																					14
42/ 41																					1
TOTAL	7.5	50.3	29.5	9.7	2.5	.5												1392	1393	1392	1392

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 90 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]			[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]			[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

DATA3 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | JUL MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87									.1									1	1		
86/ 85					.1		.1											3	3		
82/ 81				.1	.1	.1												5	5		
80/ 79				.3	.4	.1	.1											12	12		
78/ 77			.4	.7	.6	.4	.1											29	29		
76/ 75		.2	1.3	.6	.6	.3												42	42	3	
74/ 73	.1	.6	1.6	1.5	1.1	.6	.6	.1										87	87	21	3
72/ 71	.1	1.6	1.9	1.7	1.1	.6	.4	.1										102	102	54	28
70/ 69	.1	1.9	3.6	2.6	1.8	.9	.3											155	155	75	56
68/ 67	.8	2.4	4.3	2.7	2.2	.9	.1											186	186	120	83
66/ 65	.7	4.6	3.7	2.7	2.2	.6	.3	.1										207	208	131	112
64/ 63	.9	4.5	3.2	2.7	1.0	.6												179	179	202	138
62/ 61	.6	5.0	2.4	2.4	.7	.1												157	157	204	157
60/ 59	.9	4.7	1.8	1.7	.5	.1												127	127	199	174
58/ 57	.1	1.7	1.2	.8	.3													57	57	175	160
56/ 55	.3	.9	.6	.5														32	32	112	152
54/ 53		.1	.2	.1														6	6	52	115
52/ 51		.2	.1	.1														4	4	28	89
50/ 49																				14	47
48/ 47																				4	21
46/ 45																					26
44/ 43																					10
42/ 41																					2
38/ 37																					1
TOTAL	3.9	28.5	29.3	21.0	12.7	5.3	1.9	.3	.1									1393	1394	1296	1394

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]		[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]			[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]			[illegible]

FORM 0-26-5 (OL A) USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — JUL MONTH

PAGE 1 — 0300-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95												.1						1	1		
94/ 93											.1							1	1		
92/ 91									.3	.1	.1							6	6		
90/ 89								.3	.3	.1								12	12		
88/ 87						.1	.3	.5	.3	.2	.1							20	20		
86/ 85						.4	1.3	.6	.1	.1	.1							29	29		
84/ 83				.1	.4	.6	.9	.5	.4	.1	.1							45	45		
82/ 81				.4	1.1	1.4	1.1	.9	.9	.1	.1							83	83		
80/ 79			.1	.6	1.4	1.4	2.2	1.0	1.0	.4								115	115		
78/ 77		.1	.4	1.3	2.1	1.4	1.2	1.4	1.0	.5								141	141	8	
76/ 75		.2	.7	1.2	2.4	2.4	2.1	1.9	.9	.2	.2							171	171	36	3
74/ 73		.4	1.1	1.9	2.1	2.0	1.9	1.4	.9	.3	.1							170	170	90	13
72/ 71		.6	1.0	1.9	1.4	2.2	1.9	.8	.4	.3								145	145	103	45
70/ 69	.1	.4	1.7	1.5	1.1	2.1	1.4	.7	.4									131	131	161	91
68/ 67	.3	1.4	1.4	.9	.5	1.1	1.2	.4	.1									104	104	150	110
66/ 65	.4	1.4	1.0	.5	.7	.6	.4	.1										81	81	192	142
64/ 63	.4	1.8	1.3	.0	.1	.1	.2	.1										68	68	180	131
62/ 61	.1	1.3	.7	.3		.1	.1											38	38	188	152
60/ 59	.2	.8	.2		.1													18	18	142	161
58/ 57		.1																2	2	87	108
56/ 55	.1	.1																4	4	54	103
54/ 53																				18	82
52/ 51																				5	97
50/ 49																				2	48
48/ 47																					37
46/ 45																					26
44/ 43																					19
42/ 41																					10
40/ 39																					6
38/ 37																					4
36/ 35																					3
TOTAL	1.8	9.0	10.8	11.2	18.2	20.8	16.8	10.4	7.6	2.3	.8	.1						1393	1393	1393	1393

Element (X)	Σx^2	S_x	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb								38.0	83.0	17.0	.1	93
Wet Bulb								88.0	5.0			93
Dew Point								17.0	1.1			93

USAFETAC FORM 0-26-5 (OL-A) EDITION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 PEASE AFB N H/PORTSMOUTH 56-70 JUL
STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101															.1			1	1		
100/ 99																.1		1	1		
98/ 97														.1				1	1		
96/ 95											.3	.2						7	7		
94/ 93									.3	.1	.4	.2						13	13		
92/ 91							.1	.1	.4	.8	.3							23	23		
90/ 89					.1		.2	1.0	.3	.6	.5	.1	.1					41	41		
88/ 87					.1	.2	.6	1.1	.8	.9		.2						52	52		
86/ 85				.1	.1	.4	1.4	1.6	1.3	.8	.4	.1	.2					92	92		
84/ 83				.1	.4	.8	1.5	1.7	1.7	1.6	.4	.2						115	115		
82/ 81			.1	.1	.6	.4	1.4	1.2	1.0	1.4	.6	.1						107	107	1	
80/ 79			.1	.7	1.1	1.7	.8	2.3	1.6	1.9	.7	.1						135	135	4	1
78/ 77			.1	.6	1.4	1.4	2.4	1.7	2.6	.8	.5	.1						142	142	22	2
76/ 75		.1	.4	.9	.8	.9	1.0	1.9	1.0	1.0	.1	.1						116	116	57	6
74/ 73		.4	.5	1.6	1.8	1.1	1.4	1.0	.9	.9	.1							130	130	95	17
72/ 71		.4	.9	1.1	2.0	.9	1.4	1.1	.4	.1								115	115	124	33
70/ 69		.4	1.4	1.1	.8	.4	.4	1.0										77	77	132	67
68/ 67		.8	1.1	.9	.6	.3	.7	.1	.2									63	63	144	100
66/ 65	.4	.9	1.0	.6	.3	.3	.2											53	53	203	140
64/ 63	.1	.9	.9	.8	.1		.1											37	37	168	138
62/ 61		1.3	.4															26	26	173	144
60/ 59		.2																3	3	111	134
58/ 57		.1																2	2	83	120
56/ 55	.2																	3	3	26	110
54/ 53																				3	74
52/ 51																				3	27
50/ 49																					72
48/ 47																					43
46/ 45																					27
44/ 43																					17
42/ 41																					21
40/ 39																					8
38/ 37																					3
36/ 35																					1

Element (X)	$\Sigma_{g'}$	Σ_{g}	$\bar{X}$	σ_g	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

04763 STATION | PEASE APB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | JUL MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
34/ 33																					1
TOTAL	.6	5.7	7.0	8.5	10.3	8.9	13.4	15.8	13.2	10.2	6.2	1.4	.2	.1	.1	.1		1395	1395	1395	1394

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb								84.2	47.7	38.0	1.8	93
Wet Bulb								44.4	13.9	.1		93
Dew Point								34.4	1.7	.1		93

USAETAC FORM 8-26-5 (OL A) USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — JUL MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95										.1	.1	.1						4	4		
94/ 93										.1	.4	.2	.1					13	13		
92/ 91								.1	.5	.4	.1							16	16		
90/ 89							.2	.7	.4	.3	.1	.2	.1					28	28		
88/ 87						.1	.7	.4	1.2	.8	.3	.3	.1					54	54		
86/ 85					.1	.6	.6	1.3	1.1	1.1	.6	.3	.1					82	82		
84/ 83				.1	.1	.6	1.3	1.6	1.1	.9	1.0	.5	.1					101	101		
82/ 81				.2	.6	1.1	1.7	1.1	1.6	.6	.8							97	97		
80/ 79			.3	.4	.9	1.4	1.0	1.2	1.8	1.3	.6	.3						128	128	2	
78/ 77			.4	.9	1.0	.7	1.4	1.6	1.8	.6	.6							129	129	16	1
76/ 75			.6	1.5	1.7	1.1	2.4	1.5	.6	.3	.4	.1						144	144	53	3
74/ 73		.3	1.1	1.6	1.3	1.6	1.9	1.6	1.1	.2	.1							144	144	65	14
72/ 71	.1	.4	1.4	2.1	1.1	.9	1.0	.9	.4	.1								114	114	133	49
70/ 69	.1	.6	1.6	1.7	1.6	1.6	1.3	.1	.1									115	115	155	76
68/ 67	.2	1.1	1.0	.6	1.0	.4	.4	.1										77	77	159	92
66/ 65	.1	.6	1.1	.9	.9	.2	.1											56	56	180	140
64/ 63		1.2	1.3	.7	.1	.1												48	48	201	136
62/ 61	.1	1.8	.4	.1	.1													35	35	175	148
60/ 59		.4																5	5	154	133
58/ 57	.1	.1																3	3	83	142
56/ 55	.1																	2	2	15	112
54/ 53																				4	102
52/ 51																					82
50/ 49																					66
48/ 47																					43
46/ 45																					15
44/ 43																					17
42/ 41																					9
40/ 39																					10
38/ 37																					4
36/ 35																					2
34/ 33																					1
TOTAL	.6	8.2	9.0	10.0	10.0	10.0	14.2	12.3	11.5	6.7	4.9	2.0	.4					1393	1393		1393

Element (X)	$\bar{X}_T$	$\bar{X}_E$	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb								89.1	68.7	30.8	1.1	93
Wet Bulb								38.8	8.1			93
Dew Point							.1	18.8	1.2			93

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) JUL (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91											.1							1	1		
90/ 89							.1	.1	.1	.2	.1							8	8		
88/ 87						.1	.1	.3	.1	.1								12	12		
86/ 85						.4	.4	.4	.1		.1							18	18		
84/ 83				.1	.5	.5	.6	.6	.4	.1	.2							41	41		
82/ 81				.4	.4	.5	.8	.5	.6	.4	.1							52	52		
80/ 79			.1	.5	1.1	1.2	1.4	.7	.4	.4								79	79		
78/ 77			.2	.7	1.6	1.4	.9	.8	.7	.2	.1							92	92	8	
76/ 75		.1	.9	1.2	1.4	1.6	1.0	.9	.5	.2	.1							110	110	26	2
74/ 73		.5	1.4	1.5	1.6	2.0	2.0	.4	.2	.1								136	136	39	14
72/ 71	.1	.9	1.9	2.3	1.5	1.9	1.0	.8	.3	.1								149	149	79	38
70/ 69	.1	.7	2.7	1.6	1.5	1.8	1.0	.7	.1	.1								144	144	130	89
68/ 67	.1	2.9	3.6	1.6	2.5	1.3	1.1	.1	.1									186	186	145	89
66/ 65	.6	2.7	2.6	1.7	1.8	1.2	.4											152	152	195	142
64/ 63	.4	2.2	1.5	1.2	.9	.3	.1											91	91	197	164
62/ 61	.1	2.4	1.6	1.1	.1	.1												77	77	201	160
60/ 59	.4	1.4	.2	.3														32	32	161	147
58/ 57		.6	.3															12	12	132	102
56/ 55	.2																	3	3	63	118
54/ 53																				13	92
52/ 51																				4	82
50/ 49																					48
48/ 47																					37
46/ 45																					22
44/ 43																					8
42/ 41																					4
40/ 39																					3
38/ 37																					2
36/ 35																					1
TOTAL	[illegible]																		1393		1393
																		1393		1393	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1393			[illegible]	[illegible]			
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1393			[illegible]	[illegible]	11.8		93
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1393			[illegible]	6.9			93
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1393			[illegible]	1.1			93

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04742 PEASE AFB N H/PORTSMOUTH 50-70 JUL
STATION STATION NAME YEARS MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83						.1	.1	.1										4	4		
82/ 81				.1	.1	.1	.2											8	8		
80/ 79			.1	.4	.4	.3	.1											19	19		
78/ 77			.7	1.0	.4	.1	.3											35	35		
76/ 75		.1	1.2	1.8	1.1	.6	.1	.2										73	73	4	
74/ 73		.1	1.3	1.6	1.9	.4	.1											78	78	27	6
72/ 71	.1	1.4	1.5	2.2	1.9	.8	.4											114	114	54	28
70/ 69	.2	1.9	2.2	3.1	1.8	.8	.2		.1									143	143	91	57
68/ 67		3.2	4.1	3.4	1.6	.8	.2	.1										188	188	109	74
66/ 65	1.1	3.3	3.7	4.2	1.6	.7	.1	.3										237	237	193	119
64/ 63	.4	4.4	2.9	2.1	1.4	.6	.1											165	165	190	192
62/ 61	.4	3.2	2.0	2.8	1.0	.4	.1											170	170	200	181
60/ 59	.4	3.1	2.2	1.1	.6	.1												105	105	196	158
58/ 57	.1	1.1	.7	.1	.4	.1												36	36	141	168
56/ 55	.1	.7	.2	.1														16	16	111	130
54/ 53	.2	.1																4	4	90	102
52/ 51																				22	78
50/ 49																				7	40
48/ 47																					18
46/ 45																					21
44/ 43																					8
42/ 41																					8
40/ 39																					6
38/ 37																					1
TOTAL	2.9	26.7	22.9	24.1	14.2	6.2	2.1	.7	.1									1395	1395		1395
																				1395	

Element (X)	$\Sigma x'$	Σx_i	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hem.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb								66.1	14.8	1.4		93
Wet Bulb								19.0	2.1			93
Dew Point								11.0	.4			93

USAFETAC FORM 26-5 (OL A) 0-26-5 SERIES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — AUG MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
80/ 79			.1				.1												2	2		
78/ 77			.1	.1	.1	.1	.1												8	8		
76/ 75			.3	.9	.1														18	18	2	
74/ 73		.6	1.0	.9	.1														36	36	4	4
72/ 71		.9	1.6	1.6	.4	.1													64	64	26	3
70/ 69	.1	2.4	2.7	2.4	.4	.3													116	116	50	14
68/ 67	.4	2.7	4.8	1.7	.6	.1													146	146	93	63
66/ 65	.6	4.3	5.0	2.1	.3		.2												174	174	121	91
64/ 63	1.5	3.6	4.4	2.0	.1														190	190	193	154
62/ 61	.7	3.9	3.9	2.0	.4	.1													181	181	182	170
60/ 59	1.4	3.7	2.5	1.4	.3														156	156	202	174
58/ 57	.8	4.0	2.8	1.3	.2														124	124	169	200
56/ 55	.4	2.0	2.2	.9	.2														79	79	120	134
54/ 53	.1	2.2	1.4	.4	.1														58	58	81	114
52/ 51	.1	.5	.7	.1															20	20	74	57
50/ 49		.8	.4																16	16	52	84
48/ 47		.1																	1	1	18	49
46/ 45				.1															2	2	2	35
44/ 43			.2	.1															4	4		18
42/ 41																						4
40/ 39																					6	1
38/ 37																						6
TOTAL	5.9	37.6	34.1	18.0	3.3	.8	.4												1395		1395	1395
																		1395		1395		

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			26.0	0.3			[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			11.7	.4			[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			0.2	.1			[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — AUG MONTH

 0300-0300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
76/ 75			.5	.1	.1	.2													13	13		
74/ 73		.8	.6	.9															31	31	2	1
72/ 71		1.0	1.1	.4	.1														37	37	23	8
70/ 69		2.2	2.3	.5	.3	.1													74	74	36	28
68/ 67	.1	2.9	3.4	.9	.1														105	105	62	45
66/ 65	1.0	4.5	3.8	.8	.1														142	142	112	85
64/ 63	1.4	6.5	3.5	1.0		.1													174	174	149	126
62/ 61	1.2	7.9	3.5	1.2	.3														197	197	176	140
60/ 59	1.4	6.9	2.9	.7	.1	.1													167	167	194	176
58/ 57	1.1	5.0	2.4	.5		.1													126	126	170	170
56/ 55	.9	3.9	2.4	.4	.1														106	106	135	147
54/ 53	.1	2.8	2.3	.4															81	81	85	113
52/ 51	.2	2.5	2.9	.1	.1														81	81	90	87
50/ 49	.1	1.3	.9	.1	.1														35	35	76	70
48/ 47	.1	1.2	.1																19	19	57	72
46/ 45		.1																	1	1	20	63
44/ 43				.1															2	2	1	28
42/ 41			.1	.1															3	3	1	5
40/ 39			.1																1	1	1	2
38/ 37																					4	1
36/ 35																					1	1
34/ 33																						2
32/ 31																						5
TOTAL	7.5	59.5	33.0	8.2	1.2	.5														1395		1395
																			1395		1395	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10481182	1013516	87.0	8.507	1395							
Dry Bulb	3246000	261132	61.0	6.144	1395			17.3	2.9			93
Wet Bulb	4849004	327721	58.6	6.102	1395			8.2	.1			93
Dew Point	4206621	278697	57.0	6.674	1395		.3	5.5	.1			93

FORM 0-26-5 (OL A) USAFETAC — SUPERSEDES PREVIOUS EDITIONS OF THIS FORM AIR CWSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — AUG MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81				.1														1	1		
80/ 79						.1	.1											2	2		
78/ 77			.1	.2	.4	.1												13	13		
76/ 75		.2	.8	.9	.5	.5												40	40	2	
74/ 73		.2	1.6	1.6	.5	.2	.1											58	58	8	3
72/ 71	.1	1.1	2.2	1.6	.6	.4												82	82	31	13
70/ 69	.1	1.6	2.4	2.6	.9	.3	.1											110	110	59	28
68/ 67	.2	3.2	4.3	1.7	1.2	.6	.1											161	161	97	78
66/ 65	.8	3.8	3.8	2.1	.9	.6	.1											168	168	142	93
64/ 63	.4	4.3	4.7	1.8	1.2	.4												182	182	180	149
62/ 61	.8	4.1	3.6	1.9	.9	.5												164	164	197	155
60/ 59	.9	4.1	2.9	1.9	.8													149	149	176	163
58/ 57	.5	3.6	2.0	1.4	.1													106	106	170	152
56/ 55	.3	1.7	2.3	.8	.1													72	72	138	142
54/ 53		1.4	1.1	.2		.1												39	39	94	110
52/ 51		1.0	.9		.1													29	29	75	87
50/ 49	.1	.4	.2	.1	.1													11	11	39	91
48/ 47		.3		.1														5	5	21	56
46/ 45																				4	47
44/ 43				.1														2	2	4	16
42/ 41			.1															1	1	1	1
40/ 39																				1	
38/ 37																				2	1
36/ 35																					2
34/ 33																					4
32/ 31																					2
TOTAL	4.2	31.3	33.1	18.9	8.5	3.7	.4											1393		1393	1393

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9081488	1134647	81.5	11.221	1393							
Dry Bulb	8731086	1090883	68.8	6.049	1393			31.1	7.6	.1		93
Wet Bulb	8093813	1011214	58.2	5.882	1393			13.1	.7			93
Dew Point	6711408	838926	47.7	6.667	1393		.1	8.1	.2			93

USAFETAC FORM 0-26-5 (OL A) AS 44 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 66-70 YEARS — AUG MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89								.1	.1	.1								4	4		
88/ 87							.4	.2	.2									11	11		
86/ 85					.1	.2	.6	.1	.3	.2								21	21		
84/ 83					.1	.9	.4	.8	.2									35	35		
82/ 81				.2	.6	1.3	1.6	1.1	.4	.1								75	75		
80/ 79				.5	1.8	1.6	2.0	.8	.8	.1								105	105		
78/ 77			.3	1.3	1.4	2.2	1.7	1.3	.5	.1								121	121	2	
76/ 75			.6	2.4	2.4	2.4	1.6	1.1	.6	.1								156	156	17	
74/ 73		.4	.9	2.1	2.9	1.2	1.3	1.1	.6	.2	.1							154	154	62	4
72/ 71		.6	1.4	1.9	1.5	2.7	1.4	1.7	.5	.1								160	160	97	38
70/ 69		.6	1.6	1.7	1.3	1.5	2.4	.7	.3									141	141	133	59
68/ 67		1.0	1.1	1.5	1.7	1.9	1.4	1.0										134	134	186	106
66/ 65	.1	1.4	1.6	1.6	1.3	1.4	.9											116	116	172	125
64/ 63	.1	1.1	1.5	.8	.5	.7	.4	.1										72	72	164	147
62/ 61		1.0	.4	.4	.4	.4	.1	.1										37	37	159	159
60/ 59	.1	1.3	.6	.1			.1											32	32	167	163
58/ 57	.1	.4			.1	.2	.1											13	13	142	120
56/ 55		.2	.1															4	4	76	110
54/ 53		.2				.1												4	4	41	90
52/ 51																				7	76
50/ 49																				4	70
48/ 47																				3	54
46/ 45																				1	31
44/ 43																					17
42/ 41																					11
40/ 39																					3
38/ 37																					4
36/ 35																					3
34/ 33																					1
TOTAL	.4	8.1	10.1	16.2	18.2	18.4	16.2	10.2	4.8	.9	.1							1393		1393	
																			1393		

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.					1393							
Dry Bulb					1393			74.3	48.5	13.1		93
Wet Bulb					1393			33.1	5.4			93
Dew Point					1393			13.8	.3			93

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 58-70 YEARS — AUG MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95										.1	.1	.1	.1					4	4		
94/ 93								.1		.2	.1							7	7		
92/ 91								.1	.4	.4	.1	.1	.1					16	16		
90/ 89							.1	.3	.7	.4	.1	.1						24	24		
88/ 87						.1	.4	.5	.9	.6	.1							36	36		
86/ 85						.7	1.6	1.1	1.5	.4		.1	.1					79	79		
84/ 83					.1	1.7	1.4	1.9	1.4	1.1	.4	.1						113	113		
82/ 81					1.2	1.3	1.7	1.8	1.9	.7	.2	.1						124	124		
80/ 79			.1	.4	1.1	1.3	1.6	2.2	1.4	1.4	.2							136	136	1	
78/ 77			.6	.4	1.1	2.9	2.0	1.4	.6	.4								131	131	11	
76/ 75		.1	.1	.8	1.3	1.5	1.4	1.4	.9	.9								118	118	50	2
74/ 73		.3	.5	.6	2.0	1.2	1.4	2.1	1.5	.9								146	146	93	6
72/ 71		.1	.6	.9	1.4	.5	1.9	3.1	1.1	.1								137	137	111	48
70/ 69	.1	.5	1.1	1.1	.7	1.2	1.3	1.4	.6									111	111	128	76
68/ 67	.1	.3	1.1	.7	.8	1.1	.1	.6										68	68	160	74
66/ 65	.1	1.2	1.2	.9	.6	.6	.6											65	65	192	101
64/ 63	.1	.6	.7	.6	.1	.3	.1	.1										37	37	154	162
62/ 61	.1	.2	.5					.2										15	15	144	141
60/ 59	.1	.7	.3			.1	.1											18	18	141	133
58/ 57	.1	.1					.1											4	4	139	126
56/ 55		.3																4	4	49	105
54/ 53		.1	.1															2	2	16	82
52/ 51																				3	83
50/ 49																				2	68
48/ 47																				4	74
46/ 45																				1	56
44/ 43																					30
42/ 41																					14
40/ 39																					10
38/ 37																					1
36/ 35																					2
34/ 33																					1
TOTAL	.8	4.0	6.9	6.7	9.0	18.3	16.6	18.8	13.6	7.9	1.6	.6	.3					1398	1395		1395

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb								88.3	68.3	31.8	.7	93
Wet Bulb								34.9	10.3	.1		93
Dew Point								18.9	.8			93

ETAC FORM 0-26-5 (OL A) SUPERSEDES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) AUG (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95									.1		.1							2	2		
94/ 93									.1	.3								5	5		
92/ 91								.1	.4	.2	.1	.1		.1				13	13		
90/ 89								.4	.4	.1	.3	.1	.1					20	20		
88/ 87						.1	.6	.3	.9	.4	.1	.1						35	35		
86/ 85					.2	.4	1.6	1.1	1.1	.9	.2	.4						77	77		
84/ 83					.3	1.4	1.1	1.4	1.7	.8	.5							101	101		
82/ 81					.6	1.4	.9	1.4	.9	.5	.1	.1						79	79		
80/ 79			.1	.2	1.1	1.1	2.0	1.6	.7	1.1	.2							115	115	1	
78/ 77			.3	.5	.6	1.6	2.4	1.4	.9	.9	.1							123	123	11	
76/ 75		.2	.4	.6	1.7	2.0	1.4	1.3	1.7	1.1	.1							149	149	38	3
74/ 73		.2	.3	1.1	1.9	1.1	1.4	2.1	2.0	.4	.1							148	148	88	8
72/ 71	.1	.4	.9	1.1	1.7	2.0	1.6	1.1	1.1	.1								141	141	92	39
70/ 69	.1	.6	.6	1.3	.9	1.1	2.0	1.4	.3									118	118	126	83
68/ 67		.9	1.3	.4	1.0	1.4	.5	.1	.3									83	83	176	80
66/ 65	.3	1.0	1.0	1.2	1.2	.6	.2											77	77	185	92
64/ 63		.6	1.4	.4	.4	.6	.1											49	49	147	134
62/ 61		.9	.3	.2	.2	.1		.2										27	27	132	149
60/ 59	.1	.6	.3															14	14	182	142
58/ 57	.5	.3				.2												14	14	137	126
56/ 55			.2															3	3	52	116
54/ 53				.1														1	1	17	76
52/ 51																				3	98
50/ 49			.1															1	1	3	88
48/ 47																				4	51
46/ 45																				1	33
44/ 43																					22
42/ 41																					14
40/ 39																					12
38/ 37																					6
36/ 35																					3
TOTAL	1.0	5.9	7.0	7.2	11.8	15.2	12.8	16.1	12.0	3.8	2.0	.6	.1	.1				1393	1393		1393
																		1393		1393	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	81088401	81179	58.2	20.840	1393							
Dry Bulb	7971[illegible]61	[illegible]	73.0	7.618	1393			80.6	57.3	26.6	.3	93
Wet Bulb	[illegible]	[illegible]	64.4	8.484	1393			38.3	9.3	.1		93
Dew Point	6[illegible]	[illegible]	56.3	7.648	1393			14.3	.7			93

USAFETAC FORM 0-26-5 (OL A) 20 64 (PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — AUG MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89							.1	.1										2	2		
88/ 87									.1	.1								2	2		
86/ 85					.1	.3	.3	.4		.1								17	17		
84/ 83					.2	.9	.3	.2		.1								23	23		
82/ 81				.2	.4	.8	.8	.4	.2	.3								42	42		
80/ 79				.5	.9	1.4	.9	.2	.4									38	38		
78/ 77			.3	.9	1.1	1.4	.8	.6	.3	.1								79	79	3	
76/ 75		.3	1.4	1.1	1.3	1.2	.9	.5	.2	.1								99	99	13	
74/ 73		.3	.6	1.1	2.5	1.6	.7	.6	.2									107	107	52	7
72/ 71	.1	.4	1.1	2.8	2.7	1.1	.9	.7	.4									142	142	67	40
70/ 69	.2	1.0	2.7	3.2	1.6	1.7	.9	.9	.1									170	170	93	56
68/ 67		2.0	2.7	1.4	1.6	1.8	1.1	.3										153	153	124	65
66/ 65	.4	1.8	2.4	1.9	2.8	1.4	.6	.1										160	160	196	122
64/ 63	.1	1.4	2.1	2.5	2.0	.9	.1											128	128	172	147
62/ 61	.3	3.3	1.8	1.4	.8	.4												111	111	151	152
60/ 59	.4	1.4	1.1	1.0	.8	.1	.1											64	64	179	167
58/ 57	.8	.4	.2	.2	.1													25	25	172	196
56/ 55	.1	.1		.1	.2	.1												10	10	101	114
54/ 53																				90	113
52/ 51																				11	82
50/ 49			.1															2	2	2	74
48/ 47				.1														1	1	4	31
46/ 45																				4	36
44/ 43																					9
42/ 41																				1	16
40/ 39																					3
38/ 37																					3
36/ 35																					1
TOTAL	2.4	12.5	16.0	18.5	18.9	15.2	8.5	4.9	1.8	.8								1395	1395	1395	1395

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb								89.6	38.6	7.8		93
Wet Bulb								83.8	6.8			93
Dew Point								11.8	.8			91

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — AUG MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
84/ 83						.1												1	1		
82/ 81			.1	.1	.1		.1	.1										7	7		
80/ 79			.1	.3	.7	.3	.1											21	21		
78/ 77			.1	.6	.4	.4												20	20	1	
76/ 75		.1	.6	1.1	1.0	.3	.1	.1										45	45	4	2
74/ 73		.4	1.2	1.9	1.0	.3	.1											70	70	12	3
72/ 71		1.1	1.6	2.2	1.7	.5	.2											104	104	49	11
70/ 69	.1	1.5	2.9	3.8	1.4	.1	.1											160	160	64	68
68/ 67	.2	2.6	3.9	2.3	1.2	.8	.1											184	184	106	68
66/ 65	.3	3.9	3.7	1.9	1.4	.4	.1											165	165	138	104
64/ 63	.6	3.1	3.7	1.9	1.4	.5												156	156	215	161
62/ 61	.7	4.7	2.5	3.2	1.4	.3												179	179	168	177
60/ 59	1.3	3.9	2.7	1.9	1.3	.2												158	158	169	188
58/ 57	.4	2.2	2.0	2.1	.1													96	96	165	158
56/ 55	.2	.4	.6	.6	.3													30	30	135	116
54/ 53		.6	.3	.1														11	11	85	103
52/ 51			.1	.1	.1													4	4	45	82
50/ 49																				15	72
48/ 47				.1														1	1	9	47
46/ 45			.1	.1														3	3		31
44/ 43																				2	10
42/ 41																				3	8
40/ 39																				1	
38/ 37																					1
36/ 35																					3
TOTAL	3.9	26.4	28.2	26.3	13.8	4.2	1.1	.1										1395		1395	
																		1395		1395	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb								28.8	10.9	1.4		93
Wet Bulb								18.7	1.1			93
Dew Point								8.8	.8			93

USAFETAC FORM 0-26-5 (OL A) — PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — SEP MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77			.1															1	1		
76/ 75		.1	.1	.1														4	4		
74/ 73		.6	1.3	.2														28	28	4	2
72/ 71	.1	.9	1.6	.3														39	39	12	9
70/ 69	.1	1.6	1.3	.8	.1													53	53	38	20
68/ 67		1.0	1.0	.6	.1	.1												34	34	32	40
66/ 65	.3	1.9	1.8	.8	.2	.1												70	70	34	40
64/ 63	.7	3.6	1.0	1.2	.4	.1												94	94	73	57
62/ 61	1.2	3.0	1.7	1.2	.4													101	101	91	76
60/ 59	.7	2.7	2.4	.8	.4													96	96	81	91
58/ 57	.7	3.6	2.9	1.2	.1	.1												115	115	95	67
56/ 55	1.3	5.4	2.1	1.9	.1													148	148	130	99
54/ 53	.8	4.7	2.3	1.3	.1													124	124	140	133
52/ 51	.4	3.8	2.1	1.6	.1													108	108	108	117
50/ 49	.5	3.5	2.7	1.1	.1													107	107	109	98
48/ 47	.3	2.9	2.6	.3														79	79	114	99
46/ 45	.1	2.3	.8		.1													46	46	89	94
44/ 43	.5	1.7	.7	.2														43	43	73	76
42/ 41	.3	1.3	.2	.3														29	29	40	79
40/ 39	.2	1.0	.2	.3														23	23	27	65
38/ 37		.3	.3															8	8	21	33
36/ 35		.1																2	2	16	23
34/ 33																				3	10
32/ 31																					6
30/ 29																					7
28/ 27																					5
26/ 25																					4
TOTAL	8.1	46.1	29.1	14.0	2.2	.4													1350		1350
																		1350		1350	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.					1350							
Dry Bulb					1350			10.4	2.2			00
Wet Bulb					1350			7.1	.3			00
Dew Point					1350		1.8	4.7	.1			00

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) SEP (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 , 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75			.1															1	1		
74/ 73		.4	.1	.1														10	10		
72/ 71	.1	.7	1.2															27	27	13	11
70/ 69	.1	1.6	1.2	.2														44	44	16	9
68/ 67	.6	1.9	1.6	.5		.1												64	64	38	35
66/ 65	.4	1.7	1.0	.2	.1													45	45	43	37
64/ 63	.8	2.7	.8	.5	.1													66	66	68	49
62/ 61	.9	3.3	1.0	1.0	.2													85	85	68	64
60/ 59	1.1	3.0	2.0	1.1	.5													104	104	73	79
58/ 57	.4	3.9	2.1	.4	.1													92	92	71	58
56/ 55	1.6	4.9	1.7	.3	.1													118	118	126	99
54/ 53	1.2	4.7	2.4	.6	.1													121	121	133	95
52/ 51	1.0	4.3	2.4	1.1	.1													121	121	108	128
50/ 49	.9	4.7	2.6	.6														118	118	106	113
48/ 47	.2	4.1	2.5	.7														102	102	106	98
46/ 45	.3	3.8	2.0	.1														83	83	109	93
44/ 43	.3	1.3	.7	.1														31	31	89	67
42/ 41	.7	1.3	1.1	.1														43	43	53	88
40/ 39	1.1	1.3	.3	.4														42	42	43	79
38/ 37	.3	1.0	.2															20	20	36	48
36/ 35		.6	.1															10	10	14	30
34/ 33	.1	.1																3	3	16	18
32/ 31																				1	15
30/ 29																					7
28/ 27																					6
26/ 25																					2
TOTAL	12.1	51.0	27.3	8.3	1.3	.1												1350	1350	1350	1350

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb								9.7	.7			90
Wet Bulb							.1	5.8				90
Dew Point							2.0	3.7				90

USAETAC FORM 0-26-5 (OL A) SUPERSEDES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) SEP (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77			.1	.1														3	3		
76/ 75		.1	.1	.4														7	7		
74/ 73		.4	.3	.2	.1													16	16	2	1
72/ 71	.1	.7	1.1	.4	.1													35	35	15	6
70/ 69	.3	1.5	1.4	.5	.1			.1										52	52	27	19
68/ 67	.1	1.4	2.0	.2	.1	.1	.1											56	56	50	35
66/ 65	.4	1.6	2.0	.4	.4	.1												67	67	55	53
64/ 63	.6	2.3	1.7	1.2	.7													88	88	60	52
62/ 61	1.0	2.4	1.5	1.3	.3													88	88	79	67
60/ 59	1.3	2.7	2.7	1.7	.7													123	123	76	76
58/ 57	.6	3.6	1.8	1.6	.6													109	109	106	74
56/ 55	.9	4.1	2.0	1.3	.7	.1												135	135	127	102
54/ 53	.8	3.2	2.4	1.0	.1	.1												102	102	120	99
52/ 51	.4	3.9	1.9	1.0	.4		.1											103	103	120	109
50/ 49	.7	3.6	3.0	1.4	.2													120	120	119	118
48/ 47	.3	3.0	1.5	1.0	.2													81	81	99	119
46/ 45	.1	1.9	1.6	.3	.1													54	54	93	81
44/ 43	.1	1.5	1.0	.2	.1													39	39	66	82
42/ 41	.7	1.1	.3	.1														32	32	60	68
40/ 39	.1	1.0	.3	.2														26	26	31	36
38/ 37	.3	.4																9	9	28	35
36/ 35		.2	.1															4	4	9	33
34/ 33																				6	20
32/ 31		.1																1	1	2	7
30/ 29																					5
28/ 27																					7
26/ 25																					2
24/ 23																					1
TOTAL	8.9	30.5	20.8	14.6	5.1	.4	.1	.1										1330	1330	1330	1330

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1330							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1330		.1	11.3	1.7			90
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1330		.1	6.3	.1			90
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1330		1.3	4.1	.1			90

USAETAC FORM 0-264-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) SEP (MONTH)

PAGE 1 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
88/ 87								.1										2	2		
86/ 85						.1	.4	.1										8	8		
84/ 83					.2	.3	.1	.1		.1								12	12		
82/ 81				.1	.4	.4	.3	.2	.1									19	19		
80/ 79				.4	.9	.8	.3	.3	.1									37	37		
78/ 77			.1	.3	.4	.5	.5	.3	.2									31	31		
76/ 75		.2	.4	.7	1.0	1.0	.5	.4	.2									62	62	10	
74/ 73		.3	.4	.6	.9	1.0	.6	.4	.2									61	61	26	5
72/ 71		.3	.6	1.1	1.2	1.0	1.1	.5	.1									79	79	38	20
70/ 69		.5	.8	1.0	1.6	1.3	1.5	.9	.1									104	104	52	33
68/ 67		.5	1.2	1.6	1.6	1.9	1.6	.4	.1									118	118	47	44
66/ 65		1.3	1.2	1.7	1.9	2.1	1.3	.2										134	134	80	47
64/ 63	.1	1.3	1.0	1.4	2.2	1.7	1.3	.1	.1									124	124	97	57
62/ 61	.1	1.1	.7	.8	1.3	1.6	.7	.1										87	87	105	82
60/ 59	.4	1.6	1.2	1.3	1.9	1.3	.7	.1										113	113	126	73
58/ 57	.4	1.3	1.1	1.8	1.8	1.0	.4											105	105	132	116
56/ 55	.2	1.3	1.0	1.1	1.0	1.0	.3											81	81	132	98
54/ 53	.3	1.6	.8	1.0	1.6	.7	.2											84	84	107	107
52/ 51	.1	1.4	.6	.3	.6	.4												48	48	128	103
50/ 49	.1	.6	.2	.4	.3	.1												25	25	94	116
48/ 47	.2	.2	.1	.1	.1													10	10	63	119
46/ 45	.1		.1															2	2	31	83
44/ 43	.1	.1	.1															3	3	27	74
42/ 41		.1																1	1	12	51
40/ 39																				3	31
38/ 37																					44
36/ 35																					28
34/ 33																					14
32/ 31																					10
30/ 29																					3
28/ 27																					6
26/ 25																					2
TOTAL	2.1	19.9	11.8	15.9	20.7	18.2	11.9	4.4	1.3	.1								1350	1350		1350

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	66.7	14.167	1350							
Dry Bulb	[illegible]	[illegible]	65.4	15.181	1350			35.8	15.8	3.7		90
Wet Bulb	[illegible]	[illegible]	57.4	12.224	1350			11.8	2.4			90
Dew Point	[illegible]	[illegible]	52.4	9.618	1350		1.8	6.8	.3			90

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04762 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | SEP MONTH

PAGE 1 | 1200-1600 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93										.2								3	3		
92/ 91									.1	.1		.1						3	3		
90/ 89							.1	.1	.4	.2								12	12		
88/ 87						.3	.4	.6	.1	.1								22	22		
86/ 85					.1	.2	.2	.7	.1	.2								22	22		
84/ 83				.1	.6	.2	.7	.6	.1	.2	.1	.1						37	37		
82/ 81			.1	.1	.1	.4	.4	.7	.4	.1	.1							32	32		
80/ 79			.1	.3	.7	.6	1.3	.7	1.1	.2	.1							69	69	2	
78/ 77			.1	.2	.3	.6	.8	1.3	1.0	.3								61	61	9	1
76/ 75		.1	.1	.1	.9	.6	.8	1.0	1.6	.1								73	73	25	5
74/ 73		.1	.6	.1	1.0	1.1	.4	1.3	1.1	.2	.1							84	84	26	15
72/ 71			.4	.9	1.1	1.5	1.6	1.1	1.0	.1	.2							109	109	46	14
70/ 69		.1	.7	1.0	.8	2.4	1.3	2.0	.6	.1								122	122	42	33
68/ 67		.2	.5	.8	1.1	2.0	1.6	1.0	.3	.2								106	106	73	36
66/ 65		.8	.6	1.5	.7	.8	1.6	1.3	.6									105	105	67	48
64/ 63	.1	1.0	.7	1.0	1.3	1.2	2.1	.5										107	107	122	59
62/ 61		.9	.3	1.0	1.5	1.7	.7	.4	.1									89	89	115	77
60/ 59	.1	1.5	.4	1.1	.7	1.4	1.6	.1										94	94	101	74
58/ 57	.2	.6	.4	1.0	1.2	1.2	1.3	.2										82	82	113	104
56/ 55	.6	.6	1.2	.2	.5	.9	.6											57	57	129	89
54/ 53		1.6	.4	.3	.1	.4												39	39	120	92
52/ 51	.1	.4	.1	.1	.1	.1												12	12	122	127
50/ 49		.1			.1													3	3	67	94
48/ 47	.2	.1																5	5	57	101
46/ 45	.1		.1															2	2	29	84
44/ 43																				13	78
42/ 41																				2	54
40/ 39																					37
38/ 37																					32
36/ 35																					28
34/ 33																					24
32/ 31																					24
30/ 29																					4
28/ 27																					3

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 50-70 YEARS | SEP MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
20/ 25																					2
24/ 23																					1
TOTAL	1.4	8.1	7.0	9.9	12.9	17.6	17.3	13.6	8.7	2.6	.7	.1						1350	1350	1350	1350

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1350							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1350			30.3	27.9	11.1	.2	90
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1350			18.9	6.8			90
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1350		2.3	6.8	1.4			90

USAFETAC FORM 0-26-5 (OL A) SUPERSEDES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) SEP (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93								.1										1	1		
92/ 91									.1	.1								3	3		
90/ 89						.1	.1	.2	.3	.2								12	12		
88/ 87						.1	.1	.4	.4									14	14		
86/ 85					.1	.4	.4	.4	.2	.3								25	25		
84/ 83					.4	.4	.4	.5	.3	.1								30	30		
82/ 81					.7	.7	.3	.6	.4									35	35		
80/ 79			.1	.4	.6	.3	.8	.8	.1	.1	.2							45	45	2	
78/ 77				.4	.6	.8	.9	.5	.5	.4								57	57	7	
76/ 75			.2	.2	.2	.8	1.1	.7	.5	.4								57	57	24	2
74/ 73			.1	.5	.8	.5	1.1	1.4	1.4	.4	.2							88	88	37	14
72/ 71		.2	.7	.5	1.3	1.0	1.9	1.4	.4	.1	.1							105	105	42	17
70/ 69		.1	1.0	.5	1.1	1.0	1.0	1.3	.4	.1								88	88	42	29
68/ 67		.4	1.1	.6	1.6	1.1	1.6	1.3	.3									108	108	66	42
66/ 65		1.0	.8	1.4	1.6	1.2	1.4	.6	.7									117	117	79	49
64/ 63		.7	1.4	1.2	1.3	1.4	1.0	.3	.1	.1								105	105	80	52
62/ 61	.2	1.0	.9	1.5	1.9	1.4	.7	.1	.1									106	106	115	80
60/ 59	.4	1.5	.7	1.3	1.2	1.6	1.0	.2										106	106	152	73
58/ 57	.4	1.3	1.0	.6	1.3	1.3	.7	.1										92	92	132	106
56/ 55	.3	1.0	1.3	.9	.9	.4	.2	.1										69	69	156	102
54/ 53	.1	1.6	.4	.7	.5	.4	.3											54	54	124	109
52/ 51	.2	.6	.1		.1	.3	.1											20	20	104	102
50/ 49	.2		.1		.1	.1												7	7	86	96
48/ 47		.1		.1														3	3	56	112
46/ 45	.1	.1																3	3	26	73
44/ 43																				13	87
42/ 41																				7	57
40/ 39																				2	40
38/ 37																					28
36/ 35																					25
34/ 33																					16
32/ 31																					20
30/ 29																					8
28/ 27																					2

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL-A) 3E-64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — SEP MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
26/ 25																					5
24/ 23																					3
22/ 21																					1
TOTAL	2.0	9.7	10.1	10.8	16.1	15.9	15.2	11.5	6.1	2.4	.6							1350	1350	1350	1350

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5688461	82038	61.2	17.719	1350							
Dry Bulb	6201404	90884	67.2	9.026	1350			44.5	24.5	9.8	.1	90
Wet Bulb	6718229	79161	58.6	7.693	1350			14.7	4.7	.1		90
Dew Point	5819287	70577	52.3	9.730	1350		2.6	4.9	1.1			90

USAFETAC FORM AS 54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 50-70 YEARS — SEP MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85								.1										1	1		
84/ 83				.1		.1	.1											4	6		
82/ 81				.3	.3	.3	.1											13	13		
80/ 79			.1	.2	.4	.6	.3	.2										22	22		
78/ 77		.1	.1	1.0	.6	.4												30	30	1	
76/ 75		.1	.5	1.0	.7	.4	.3	.1										42	42	9	1
74/ 73		.1	.7	.4	.7	.4	.6	.1										36	36	12	7
72/ 71		.2	.5	1.0	1.0	.6	.3	.2	.1									52	52	41	9
70/ 69	.1	.6	.7	.7	.8	.6	.2	.2										53	53	41	35
68/ 67		.8	1.0	1.2	1.3	1.0	1.0	.2	.1									90	90	40	39
66/ 65	.1	2.1	1.2	1.9	1.0	.6	.2	.2										98	98	59	37
64/ 63	.1	1.9	3.0	1.7	1.6	1.6	.6	.1	.1									139	139	68	99
62/ 61	.7	1.9	2.0	1.6	1.0	1.3	.2	.1										120	120	118	70
60/ 59	.4	2.7	3.2	1.1	2.2	.8	.1											142	142	110	93
58/ 57	.4	2.7	2.4	1.7	1.5	.3	.2	.1										125	125	150	100
56/ 55	.5	1.0	3.0	2.1	.7	.5		.1										106	106	140	129
54/ 53	.5	2.4	2.0	2.3	1.0	.3												115	115	111	110
52/ 51	.3	1.8	.9	1.0	.8	.2												68	68	101	104
50/ 49	.4	1.0	1.4	1.3	.2	.2												60	60	104	106
48/ 47		.2	.4	.4	.2	.1												19	19	72	102
46/ 45	.1	.1	.1	.4	.2													13	13	58	92
44/ 43			.1															2	2	28	84
42/ 41																				14	58
40/ 39																				9	26
38/ 37																				4	28
36/ 35																					25
34/ 33																					13
32/ 31																					9
30/ 29																					2
28/ 27																					9
26/ 25																					3
TOTAL	3.6	19.5	23.2	21.8	16.1	10.0	4.0	1.7	.2									1350	1350	1350	1350

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7540837	99045	73.4	14.953	1350							
Dry Bulb	8121180	93196	69.0	9.999	1350			22.9	9.9	1.7		90
Wet Bulb	6836861	76198	56.5	7.670	1350			9.6	1.8			90
Dew Point	5888871	73858	54.8	9.686	1350		1.8	4.1	.8			90

USAFETAC FORM 0-26-5 (OL A) 26 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) SEP (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79			.1	.1		.1												3	3		
78/ 77		.1	.1	.2		.1												7	7		
76/ 75		.3	.9	.7	.1	.1												30	30	4	
74/ 73		.2	1.2	.5	.4													31	31	6	6
72/ 71		.4	1.2	1.0	.7													44	44	25	7
70/ 69	.3	.6	.7	.7	.6	.1	.1											44	44	43	33
68/ 67	.1	1.3	1.3	1.0	.4	.1	.1											58	58	33	33
66/ 65	.2	1.9	1.4	1.2	.7	.2												75	75	53	37
64/ 63	.3	2.9	1.6	1.9	.7	.3												103	103	67	51
62/ 61	.7	3.0	1.6	1.8	1.1	.3												116	116	110	90
60/ 59	.7	3.3	2.7	1.4	1.3	.4												131	131	83	91
58/ 57	.1	4.8	2.3	2.4	1.1	.1	.1											152	152	115	80
56/ 55	1.0	3.3	2.8	1.8	.5	.1												128	128	158	110
54/ 53	.5	3.1	2.0	1.3	.8		.1											105	105	106	128
52/ 51	.3	3.1	2.7	1.5	.3	.1												108	108	141	102
50/ 49	.5	2.3	2.3	1.1		.1												86	86	115	106
48/ 47	.1	1.3	1.7	.4	.1													49	49	109	114
46/ 45	.1	1.5	1.4	.4	.1													47	47	75	91
44/ 43		.5	.5	.4	.1													21	21	46	73
42/ 41		.2	.4	.2														11	11	38	71
40/ 39		.1	.1															3	3	16	51
38/ 37																				15	29
36/ 35																				3	16
34/ 33																					12
32/ 31																					5
30/ 29																					8
28/ 27																					7
26/ 25																					1
TOTAL	4.9	34.1	29.2	20.1	9.0	2.3	.4											1350	1350		1350
																		1350		1350	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8888730	108870	80.288	9.882	1350							
Dry Bulb	4400000	72000	53.3	7.881	1350			14.8	4.7	.1		90
Wet Bulb	6180211	76171	56.9	7.288	1350			7.4	.7			90
Dew Point	5770000	58570	43.1	8.813	1350		1.0	3.3	.4			90

USAFETAC FORM 0-26-5 (OL A) 8/64 SUPERSEDES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

06743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) OCT (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73								.1										1	1		
72/ 71							.1											1	1		
70/ 69							.1											1	1		
68/ 67		.2	.1															4	4		
66/ 65	.1	.1	.1	.1	.2													8	8	4	1
64/ 63		.6	.1	.4														14	14	3	5
62/ 61	.1	1.1	.6	.4		.1	.1											33	33	16	7
60/ 59	.4	2.0	.6	.6	.2	.3	.1											59	59	34	23
58/ 57	.6	3.7	.9	.9	.1	.3												89	89	56	36
56/ 55	1.0	2.3	1.3	.8	.8	.1												88	88	79	67
54/ 53	.9	3.4	1.3	1.1	.5	.3	.1											105	105	75	73
52/ 51	.7	2.1	1.9	1.0	.6		.2											91	91	85	72
50/ 49	.5	3.3	1.4	1.6	.4													101	101	82	61
48/ 47	.9	3.7	2.8	1.4	.6													129	129	110	73
46/ 45	.6	3.6	2.7	1.4	.5													123	123	109	107
44/ 43	.4	3.2	2.5	1.4	.3													108	108	137	60
42/ 41	.5	2.6	2.4	1.7	.2													103	103	106	101
40/ 39	.6	2.6	2.5	1.7	.1													105	105	108	123
38/ 37		2.8	1.6	.9	.1													75	75	95	76
36/ 35	.3	1.6	1.6	.5	.1													57	57	98	95
34/ 33	.1	1.1	2.2	.3														51	51	65	81
32/ 31		1.4	.6	.1														28	28	92	81
30/ 29		.7	.1															11	11	60	45
28/ 27	.1	.2	.1															5	5	12	62
26/ 25		.1	.3															5	5	3	66
24/ 23																				5	88
22/ 21																				1	19
20/ 19																					9
18/ 17																					8
16/ 15																					4
14/ 13																					4
12/ 11																					1
TOTAL	7.7	52.1	27.7	16.1	4.7	1.1	.6	.1										1395	1395		1395

Element (X)	S_{X^2}	S_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb							8.3	.8	.1			93
Wet Bulb							8.9					93
Dew Point							28.9					93

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — OCT MONTH

PAGE 1 — 0300-0900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69						.1												1	1		
68/ 67		.1				.1												2	2		
66/ 65		.1			.1													3	3	1	
64/ 63		.2	.3	.1	.1													11	11	2	3
62/ 61	.2	.9	.1	.3	.1	.1												24	24	9	6
60/ 59	.4	1.2	.8	.4	.1	.1												42	42	26	21
58/ 57	.6	2.2	.8	.5	.1	.1												61	61	41	27
56/ 55	.6	3.3	.5	.7	.3	.1												78	78	63	43
54/ 53	1.1	3.2	1.8	1.0	.6	.1												109	109	70	65
52/ 51	.7	3.6	1.6	1.0	.1													98	98	91	81
50/ 49	.6	2.6	1.9	1.4	.1	.2												94	94	88	66
48/ 47	.8	3.3	2.2	.9	.3													105	105	90	75
46/ 45	.4	4.4	1.8	1.2	.3	.2												117	117	115	81
44/ 43	1.3	3.5	2.3	1.0	.1													114	114	125	96
42/ 41	.6	2.7	2.2	1.0	.4													96	96	98	98
40/ 39	.6	2.7	2.2	1.6														97	97	94	100
38/ 37	.7	4.4	2.3	.9	.1													117	117	109	83
36/ 35	.3	3.3	2.7	.8														98	98	107	95
34/ 33	.1	1.6	2.3	.1														56	56	103	73
32/ 31		1.8	.4	.2														34	34	64	96
30/ 29		1.1	.2															19	19	36	67
28/ 27		.7																10	10	30	44
26/ 25		.3	.2															7	7	5	72
24/ 23		.1																2	2	4	49
22/ 21																				4	29
20/ 19																					12
18/ 17																					9
16/ 15																					2
14/ 13																					4
12/ 11																					2
TOTAL	9.0	47.5	26.5	13.3	2.7	1.1												1298	1298	1298	1295

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1298							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1298		4.8	.2				93
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1298		10.9					93
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1298		28.8					93

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE APB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | OCT MONTH

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69			.1															1	1		
68/ 67				.1	.1													2	2		
66/ 65		.2	.1		.1		.1											6	6	1	
64/ 63		.2	.1	.4														10	10	7	6
62/ 61	.1	1.2	.2	.1	.1	.3												30	30	11	6
60/ 59	.5	1.8	.8	.4	.2													52	52	27	21
58/ 57	.4	2.1	.9	.6	.3													58	58	43	30
56/ 55	.6	2.2	1.1	1.1	.4	.1												77	77	58	46
54/ 53	.9	2.7	1.6	1.4	.4													99	99	59	58
52/ 51	.9	3.7	1.9	1.6	.6													117	117	88	61
50/ 49	1.1	3.4	2.8	1.1	.1	.1												121	121	114	75
48/ 47	.8	3.6	2.0	1.7	.2													109	109	95	85
46/ 45	.9	2.9	2.7	1.0	.4	.2												114	114	143	89
44/ 43	.6	2.5	2.7	1.1	.1	.1												97	97	98	94
42/ 41	.6	2.7	2.5	1.0	.1													96	96	97	98
40/ 39	.9	2.7	3.0	1.5	.4													118	118	116	101
38/ 37	.4	2.3	2.7	1.2	.1													94	94	95	100
36/ 35	.3	2.9	2.0	.9														80	80	100	93
34/ 33	.1	1.5	2.0	.1														52	52	100	68
32/ 31	.1	1.1	.4	.1														28	28	58	81
30/ 29		1.3	.1	.2														22	22	45	68
28/ 27		.7	.1															11	11	27	58
26/ 25		.2																3	3	11	55
24/ 23		.2																2	2	2	42
22/ 21																				3	27
20/ 19																					12
18/ 17																					10
16/ 15																					7
14/ 13																					1
12/ 11																					2
TOTAL	8.0	42.0	29.9	15.3	3.7	.8	.1											1395	1395	1395	1395

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1395							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1395		4.1	.2				93
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1395		9.3					93
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1395		24.3					93

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — OCT MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
80/ 79									.1	.1								2	2		
78/ 77							.2				.1							4	4		
76/ 75				.1		.3	.1	.1	.1	.1	.1							11	11		
74/ 73					.2	.1	.4	.1										13	13		
72/ 71			.1	.2	.1	.2	.3	.1		.1								18	18		
70/ 69			.1	.1	.4	.4	.4	.3	.1									26	26	2	
68/ 67			.2	.1	.6	.7	.2	.4										32	32	5	
66/ 65		.4	.6	.7	.3	.5	.7	.1	.1									47	47	16	5
64/ 63	.1	.6	.4	.9	.6	1.0	.4	.3										59	59	21	10
62/ 61	.1	1.4	.9	1.0	1.2	1.8	.9	.1										104	104	37	24
60/ 59	.1	1.6	.7	1.0	1.4	1.1	.6	.1										93	93	69	28
58/ 57	.2	1.7	1.7	1.3	1.1	1.6	.4	.1										115	115	80	61
56/ 55	.7	1.6	1.6	1.7	2.7	2.2	.3	.1										151	151	81	81
54/ 53	.2	1.8	1.4	2.2	2.4	1.6	.4	.1										137	137	114	64
52/ 51	.4	1.3	1.4	1.4	2.2	1.6	.2											119	119	124	69
50/ 49	.2	1.3	1.6	1.8	2.2	1.1	.2											117	117	116	86
48/ 47	.1	.9	1.0	1.6	2.4	1.0												99	99	131	64
46/ 45	.1	.7	1.0	1.3	1.6	.6												73	73	127	104
44/ 43		.1	1.2	.9	1.1	.4												54	54	102	92
42/ 41	.1	.1	1.1	1.0	.9	.1												46	46	93	82
40/ 39	.1	.4	.4	1.1	.4													33	33	97	94
38/ 37	.1	.3	.1	.9	.1													20	20	60	93
36/ 35		.1	.3	.3	.1													12	12	49	87
34/ 33		.1	.1	.1														4	4	30	81
32/ 31			.1	.1														2	2	16	63
30/ 29			.1															2	2	8	44
28/ 27																				3	32
26/ 25																				2	40
24/ 23																					39
22/ 21																					30
20/ 19																					13
18/ 17																					10
16/ 15																					4
14/ 13																					1

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 26-6 0-26-5 (OL A) USAFETAC — PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) OCT (MONTH)

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
12/ 11																						4
TOTAL	2.7	14.3	16.1	20.2	22.1	16.2	5.7	1.9	.3	.3	.1								1395		1395	
																			1395		1395	

Element (X)	Σ_{n-1}	Σ_n	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb							.3	7.1	2.0	.1		93
Wet Bulb							2.1	.3				93
Dew Point							10.8					93

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) OCT (MONTH)

PAGE 1 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
88/ 87												.1							1	1		
86/ 85												.1	.1						2	2		
84/ 83								.1	.1	.1	.1		.1						5	5		
82/ 81								.1		.1		.1							4	4		
80/ 79						.1	.1	.4	.6	.1	.2	.1							22	22		
78/ 77						.1	.1	.5	.3	.2	.1	.1							19	19		
76/ 75					.4	.3	.3	.7	.2	.4	.1								34	34		
74/ 73				.1	.2	.4	.6	.5	.1	.2	.1								34	34		
72/ 71			.1	.3	.2	.7	.5	.5	.4	.3									42	42		
70/ 69			.2	.1	.6	.9	.7	.6	.4										48	48	3	
68/ 67		.3	.1	.5	.9	.9	.4	1.1	.6	.1									68	68	17	
66/ 65		.4	.1	.8	.7	.8	1.4	.8	.4										76	76	30	5
64/ 63		.9	.4	.7	.8	1.6	1.3	1.1	.2										101	101	44	18
62/ 61		.8	.6	.3	1.4	1.0	1.4	1.1	.2										96	96	72	21
60/ 59	.1	1.5	.5	.4	1.1	1.1	2.5	.6	.1										111	111	82	32
58/ 57	.4	1.2	1.2	1.0	1.3	2.7	2.3	.8	.3										136	136	93	39
56/ 55	.3	1.2	.6	1.1	1.1	3.2	1.4	.1	.1										127	127	97	80
54/ 53	.1	.8	.7	.7	1.0	2.5	1.9	.1											111	111	126	74
52/ 51	.3	.6	1.5	.4	.9	1.9	.6	.3											92	92	92	79
50/ 49	.6	.8	.3	.6	1.1	1.9	.4	.1											75	75	123	57
48/ 47	.1	.6	.7	.8	1.0	.9	.2												60	60	146	64
46/ 45		.2	.4	.9	.8	1.1	.1												50	50	128	99
44/ 43		.1		.3	.4	.3													15	15	88	90
42/ 41		.2	.1	.6	.6														18	18	95	88
40/ 39	.1			.4	.4	.1													12	12	57	65
38/ 37	.1		.1		.1														4	4	39	94
36/ 35	.1	.4			.1														9	9	32	99
34/ 33		.1		.1															2	2	20	86
32/ 31			.1																2	2	4	63
30/ 29																					4	69
28/ 27																					2	51
26/ 25																						41
24/ 23																						27
22/ 21																						24

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

04743 PEASE AFB N H/PORTSMOUTH 56-70 OCT
STATION STATION NAME YEARS MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
20/ 19																					10
18/ 17																					14
16/ 15																					3
14/ 13																					6
12/ 11																					4
10/ 9																					2
TOTAL	2.0	10.3	7.8	9.6	15.0	22.6	16.6	9.4	3.9	1.6	.6	.4	.1					1394	1394	1394	1394

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb							.1	18.4	8.1	1.8		93
Wet Bulb							.7	1.2				93
Dew Point							30.8					93

USAETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | OCT MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85												.1						2	2		
84/ 83												.1	.1					2	2		
82/ 81								.1	.1	.1	.1	.1	.1					7	7		
80/ 79							.1	.1	.1	.1		.2						7	7		
78/ 77						.1	.1	.4	.2	.3	.1	.1						18	18		
76/ 75					.3	.3	.4	.2	.3	.1	.1							24	24		
74/ 73				.1	.4	.2	.4	.6	.2	.1	.1							30	30		
72/ 71				.1	.4	.1	.6	.1	.2	.1								29	29		
70/ 69		.1		.1	.4	.7	.3	.5	.1	.1								31	31	1	
68/ 67		.2	.4	.2	.9	.9	.6	.7	.4	.1	.1							64	64	10	1
66/ 65	.1	.1	.4	.5	.6	1.1	.9	.2	.3	.1								62	62	23	4
64/ 63	.1	.0	.4	.6	.7	1.1	.9	.8	.4	.1								73	73	35	9
62/ 61	.2	1.1	.8	.6	.9	.7	.9	.7	.1									85	85	50	25
60/ 59	.3	1.4	1.4	1.1	1.3	1.0	1.0	.9	.1									119	119	82	32
58/ 57	.4	1.3	.9	1.4	1.0	1.8	1.4	.8	.4									130	130	96	55
56/ 55	.2	1.0	1.4	1.4	2.3	2.2	1.1	.1										134	134	95	60
54/ 53	.4	1.8	1.3	1.2	2.2	2.0	1.1	.4										144	144	108	78
52/ 51	.3	1.1	1.3	1.7	1.6	1.9	.5	.2										119	119	109	85
50/ 49	.1	1.0	.8	1.6	1.7	1.1	.4	.1										95	95	117	77
48/ 47	.1	.8	.6	1.2	1.1	.9												66	66	152	75
46/ 45	.1	.6	.6	1.7	.9	.8												66	66	139	99
44/ 43		.2	.2	.6	1.0	.1												31	31	106	70
42/ 41		.1	.2	.5	1.0													26	26	84	85
40/ 39			.2	.5	.6	.1												16	16	69	89
38/ 37		.5	.1		.3													12	12	47	81
36/ 35																				41	86
34/ 33		.2			.1													4	4	16	71
32/ 31				.1														2	2	6	76
30/ 29				.1														1	1	5	59
28/ 27																				1	45
26/ 25																				3	29
24/ 23																					41
22/ 21																					20
20/ 19																					18

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — OCT MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
18/ 17																					14
16/ 15																					6
14/ 13																					2
12/ 11																					3
10/ 9																					3
TOTAL	2.2	12.3	10.9	15.5	19.4	17.1	10.5	6.5	2.9	1.2	.6	.6	.1						1295		1295
																		1395		1395	

Element (X)	$\bar{X}_{T'}$	$\bar{X}_{\Sigma}$	$\bar{X}$	σ_{Σ}	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1395	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1395		.2	16.0	6.0	1.1		93
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1395		1.0	.7				93
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1395		20.9	.1				93

USAFETAC FORM 0-36-5 (OL A) SUPERSEDES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 50-70 YEARS — OCT MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81											.1							1	1		
78/ 77									.1	.1								2	2		
76/ 75							.1											1	1		
74/ 73				.1			.2	.1										5	5		
72/ 71				.1		.1	.1	.2		.1								8	8		
70/ 69			.1	.4	.3	.2	.2	.1	.1									21	21		
68/ 67		.2	.1	.1	.2	.5	.2	.1										21	21	1	
66/ 65			.3	.1	.2	.1	.3	.2										21	21	10	
64/ 63	.1	.6	.4	1.4	.8	.5	.4	.1										59	59	10	10
62/ 61	.2	1.0	1.2	.8	.8	.5	.1	.1										65	65	35	18
60/ 59	.1	1.9	1.4	.9	1.2	.6	.4	.1										92	92	45	20
58/ 57	.3	2.1	1.2	1.0	.7	.6	.4	.2										93	93	81	38
56/ 55	.9	2.1	1.6	1.5	1.1	.6	.1	.1	.1									113	113	97	83
54/ 53	.1	2.8	1.7	1.6	1.6	.6	.2	.1										120	120	99	62
52/ 51	.9	2.4	2.2	2.4	1.9	.6	.1											146	146	109	99
50/ 49	.2	1.6	2.9	2.5	1.9	.2	.3											148	148	101	78
48/ 47	.4	2.1	2.1	1.9	1.9	.3												121	121	115	71
46/ 45		1.8	1.9	2.9	1.2	.4												114	114	138	100
44/ 43	.2	.9	1.4	1.7	1.2	.1												78	78	129	98
42/ 41		.5	1.0	1.1	1.1	.1												52	52	96	91
40/ 39		.1	1.3	1.7	.4													49	49	97	98
38/ 37		.4	.9	1.1														33	33	63	77
36/ 35		.3	.6	.3	.1													17	17	63	78
34/ 33		.1	.1	.4														8	8	53	65
32/ 31		.1		.1														3	3	18	78
30/ 29																				6	68
28/ 27			.1	.1														3	3	4	32
26/ 25			.1															1	1	1	47
24/ 23																				4	32
22/ 21																					17
20/ 19																					12
18/ 17																					13
16/ 15																					4
14/ 13																					1

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | OCT MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
12/ 11																					3
10/ 9																					2
TOTAL	3.5	21.0	23.8	24.3	16.3	6.0	3.1	1.5	.3	.1	.1							1395	1395	1395	1395

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	7188878	97088	69.6	17.083	1395							
Dry Bulb	[illegible]	[illegible]	81.9	8.026	1395		.8	3.9	.6	.1		93
Wet Bulb	3144044	68838	67.0	7.933	1395		2.8	.1				93
Dew Point	[illegible]	[illegible]	61.8	10.866	1395		20.6					93

USAFETAC FORM 0-26-5 (OL A) 8/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06763 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | OCT MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75								.1	.1									2	2		
74/ 73								.1										1	1		
72/ 71				.1														1	1		
70/ 69				.1	.1	.1			.1									5	5		
68/ 67			.4	.1	.4	.1		.1										14	14		
66/ 65		.3	.1	.2	.4	.2			.1									19	19	3	1
64/ 63		.4	.6	.5	.2	.1	.1	.1										30	30	9	5
62/ 61	.1	.6	.7	.6	.4	.1	.1											36	36	23	9
60/ 59	.2	2.7	.6	.6	.6	.5	.1											74	74	45	24
58/ 57	.6	2.7	1.7	.7	.6	.4	.1	.1										94	94	66	43
56/ 55	1.0	2.8	1.2	1.1	.5	.5	.1											102	102	78	76
54/ 53	1.0	2.6	1.3	1.2	.3	.6		.1										94	94	94	74
52/ 51	.9	2.2	1.6	1.4	.6	.1	.1											94	94	84	81
50/ 49	.5	3.6	3.7	2.8	.9	.1												163	163	91	64
48/ 47	.3	2.9	3.1	1.8	.9	.1												126	126	116	72
46/ 45		3.4	2.9	2.8	.6	.2												139	139	143	92
44/ 43	.3	1.8	2.6	2.0	.9													106	106	133	92
42/ 41	.2	1.4	1.9	1.1	.5													73	73	100	113
40/ 39	.1	.9	2.3	1.5	.2													70	70	115	100
38/ 37		.9	1.6	.9	.1													69	69	76	75
36/ 35		1.0	1.9	.7														51	51	70	88
34/ 33		.8	1.5	.1														33	33	58	69
32/ 31	.1	.2	.4	.1														11	11	55	75
30/ 29		.1	.1	.1														3	3	24	70
28/ 27			.1															2	2	8	48
26/ 25		.1	.1															3	3	1	43
24/ 23																				5	28
22/ 21																					23
20/ 19																					13
18/ 17																					10
16/ 15																					2
14/ 13																					3
12/ 11																					2

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — OCT MONTH

PAGE 2 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	5.2	31.3	30.6	20.6	8.3	2.8	.5	.6	.2									1395	1395	1395	1395

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8248588	105008	75.3	15.259	1395							
Dry Bulb	8440886	68418	49.0	8.203	1395		1.3	1.5	.2			93
Wet Bulb	8266806	58334	41.8	8.281	1395		8.2					93
Dew Point	8180818	57344	41.1	10.333	1395		21.1					93

USAFETAC FORM 0-26-5 (OL A) 8-64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) NOV (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65			.1															1	1		
64/ 63				.1														2	2		
62/ 61		.5																7	7	3	
60/ 59	.3	.1																6	6	10	8
58/ 57	.3	.6	.1	.1														14	14	11	12
56/ 55	.1	.9	.1															15	15	9	11
54/ 53	.4	2.3	.1	.3		.1												44	44	22	13
52/ 51	.3	2.5	.3	.3	.2	.2												52	52	44	34
50/ 49	.8	2.6	1.0	.9	.2													74	74	51	40
48/ 47	.1	3.8	1.4	.7	.1	.2												86	86	48	50
46/ 45	.2	1.6	1.5	.4	.2													53	53	65	46
44/ 43	.6	3.3	1.8	.9	.1													89	89	80	41
42/ 41	.9	2.6	1.3	.8	.1													77	77	80	51
40/ 39	.4	2.1	2.7	1.1														85	85	73	80
38/ 37	.6	4.3	3.0	1.0	.1													121	121	87	64
36/ 35	1.0	3.7	3.8	1.7														135	135	119	72
34/ 33	.7	2.5	3.9	.9														108	108	102	90
32/ 31	.7	4.0	3.4	.8														124	124	121	87
30/ 29	.3	3.4	2.7	.5														94	94	130	81
28/ 27		2.4	3.0															72	72	102	111
26/ 25	.1	2.1	.8															40	40	79	61
24/ 23	.2	.5	.6															18	18	64	95
22/ 21		1.0	.1															15	15	14	80
20/ 19		.9																12	12	21	50
18/ 17		.1																1	1	9	60
16/ 15		.1																1	1	1	66
14/ 13		.1	.1															4	4	1	22
12/ 11																				4	24
10/ 9																					16
8/ 7																					2
6/ 5																					2
≤4/ ≤3																					1
																					2

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 28 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) NOV (MONTH)

 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	8.0	8.0	1.9	10.6	1.0	.5												1350	1350	1350	1350

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	77.6	14.618	1350							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1350		25.4					90
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1350		26.4					90
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1350	.2	49.2					90

USAFETAC FORM AWS 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE APB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — NOV MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15	16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61		.4	.1																6	6		
60/ 59		.4																	5	5	7	3
58/ 57	.1	.4	.1																9	9	9	7
56/ 55	.4	.9	.1	.2															22	22	12	13
54/ 53	.1	1.7	.4		.1														32	32	16	14
52/ 51	.6	2.3			.1	.1													43	43	29	28
50/ 49	.6	3.4	.6	.7	.3														75	75	56	41
48/ 47	.1	2.7	1.3	.6	.2														68	68	41	57
46/ 45	.4	2.3	1.2	.3	.1														61	61	57	38
44/ 43	.3	2.1	1.9	.8	.3														75	75	63	38
42/ 41	1.2	2.7	1.0	.9	.1														79	79	71	39
40/ 39	.8	2.3	2.1	.9	.1														87	87	88	63
38/ 37	.7	3.9	2.7	.6	.1														108	108	75	82
36/ 35	.8	4.2	2.9	1.3	.1														125	125	111	72
34/ 33	1.0	3.8	3.3	.4															113	113	124	80
32/ 31	1.0	3.6	3.3	.1															111	111	113	103
30/ 29	.3	4.4	2.9	.4															109	109	116	79
28/ 27	.1	2.4	2.8	.2															76	76	108	87
26/ 25	.1	2.6	1.6	.1															58	58	78	88
24/ 23	.4	2.4	.1																40	40	77	87
22/ 21	.1	.7																	11	11	43	84
20/ 19	.1	1.3	.2																21	21	12	51
18/ 17		.7																	10	10	19	55
16/ 15		.1																	1	1	9	55
14/ 13	.1	.1	.1																3	3	2	34
12/ 11		.1																	2	2	1	22
10/ 9																					3	11
8/ 7																						8
6/ 5																						4
4/ 3																						2
2/ 1																						1
≤0/ ≤-1																						3
TOTAL	9.3	52.4	29.0	7.0	1.9	.1													1350	1350		1350
																			1350		1350	

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			78.8	13.906	1350							
Dry Bulb			39.8	9.196	1350		38.8					38
Wet Bulb			38.0	9.246	1350		38.7					38
Dew Point			31.0	11.377	1350	.2	31.7					32

FORM 20-54 0-26-5 (OL A) — USAFETAC — SUPERSEDES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 60-70 YEARS — NOV MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
62/ 61		.1																1	1		
60/ 59		.1	.1															3	3	1	1
58/ 57	.1	.7	.1	.1														14	14	4	3
56/ 55	.2	1.4	.1	.1														26	26	18	6
54/ 53	.2	2.1	.1	.1	.1													34	34	29	30
52/ 51	.8	1.2	.4	.1	.1	.1												37	37	38	35
50/ 49	.8	2.5	1.0															58	58	34	34
48/ 47	.2	3.9	1.2	.6	.1													79	79	49	34
46/ 45	.3	2.3	1.6	1.0	.1													71	71	72	44
44/ 43	.4	2.1	1.2	.2	.3													56	56	58	50
42/ 41	.7	2.9	1.6	.3	.5													81	81	72	48
40/ 39	1.0	2.3	2.9	1.5	.1													106	106	80	72
38/ 37	.7	3.2	2.7	1.2	.1													107	107	60	55
36/ 35	.7	4.5	2.2	1.2														117	117	126	64
34/ 33	1.0	3.6	4.1	.5														124	124	125	107
32/ 31	1.0	4.2	2.1															99	99	123	79
30/ 29	.2	4.0	3.4	.2														106	106	114	93
28/ 27	.1	2.3	2.5															67	67	93	76
26/ 25	.3	2.7	1.7															64	64	75	84
24/ 23	.3	2.0	.4															37	37	75	86
22/ 21	.1	1.5	.1															24	24	45	93
20/ 19		1.2	.1															17	18	25	64
18/ 17		1.0	.1															14	14	17	43
16/ 15		.2	.1															5	5	11	61
14/ 13																				1	33
12/ 11		.1	.1															2	2	2	24
10/ 9																				2	11
8/ 7																					10
6/ 5																					4
4/ 3																					1
2/ 1																					1
0/ -1																					1
-2/ -3																					1

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-36-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 50-70 (YEARS) NOV (MONTH)

PAGE 2 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
TOTAL	9.5	52.1	29.8	7.0	1.5	.1													1349	1350	1349	1349

Element (X)	$\Sigma_n X'$	$\Sigma_n X$	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb							29.1					30
Wet Bulb							28.9					30
Dew Point						.2	31.1					30

USAFETAC FORM 20.44 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | NOV MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67				.2														3	3		
66/ 65		.1	.1	.2				.1										6	6		
64/ 63			.2	.1	.1													5	5	3	
62/ 61	.1	.3	.4	.1	.1	.1		.1		.1								16	16	4	3
60/ 59	.1	.5	.2	.1	.2	.4	.1											21	21	11	2
58/ 57		.6	.2	.2	.1	.1		.1										18	18	17	15
56/ 55	.1	2.1	.4	.3	.3	.3	.1											50	50	16	15
54/ 53	.3	1.3	.1	.6	.2	.4												41	41	42	37
52/ 51	.6	2.0	.8	.7	.7	.5												73	73	44	30
50/ 49	.1	1.3	2.1	1.3	1.0	.1												80	80	38	34
48/ 47		3.6	1.0	1.6	1.3	.8												114	114	64	30
46/ 45	.3	1.6	1.9	1.9	1.6	.7												107	107	88	45
44/ 43	.4	2.2	1.4	1.9	1.1	.1												96	96	77	58
42/ 41	.7	2.4	2.6	1.8	1.8													125	125	108	64
40/ 39	.3	1.8	2.3	3.2	1.0													116	116	108	60
38/ 37	.7	2.1	1.6	2.9	.7													107	107	128	71
36/ 35	.7	2.1	2.2	2.1	.5													105	105	115	94
34/ 33	.1	1.9	1.8	2.3	.2													89	89	125	84
32/ 31	.2	.9	2.2	1.2	.1													62	62	102	91
30/ 29	.1	1.3	1.9	.9														57	57	77	80
28/ 27		.3	1.5	.3														28	28	88	75
26/ 25	.1	.3	.7	.1														13	13	42	74
24/ 23		.1	.1															4	4	29	69
22/ 21		.3	.3															8	8	10	97
20/ 19		.1	.1															2	2	7	39
18/ 17		.1	.1															2	2	4	36
16/ 15																				3	49
14/ 13																					36
12/ 11																					18
10/ 9																					7
8/ 7																					9
6/ 5																					1
4/ 3																					2
2/ 1																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-36-5 (OL A) SUPERSEDES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — NOV MONTH

PAGE 2 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
0/ =1																					1
=2/ =3																					1
TOTAL	4.8	29.3	26.4	24.3	11.1	3.5	.2	.2		.1								1350	1350	1350	1350

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb					1350		11.9	.2				30
Wet Bulb					1350		24.1					30
Dew Point					1350	.1	29.3					30

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | NOV MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 79						.1	.1											2	2		
76/ 73					.1													1	1		
72/ 71					.1													1	1		
70/ 69			.2	.3				.1										9	9		
68/ 67				.1	.1	.3		.1	.1									11	11		
66/ 65				.1	.1	.1	.1	.1	.1									8	8	6	
64/ 63			.2	.3	.1	.3	.1			.1	.1							23	23	5	3
62/ 61		.2	.2	.1	.3	.3	.1	.1	.1									23	23	2	4
60/ 59		.2	.2	.1	.7	.4	.1	.2	.1									28	28	14	8
58/ 57	.2	.7	.2	.6	.7	.6	.4	.3										50	50	19	6
56/ 55	.1	1.3	.3	.3	.4	.9	.3	.1										57	57	28	27
54/ 53	.2	1.9	.4	.7	.8	.9	.8	.1										80	80	45	22
52/ 51	.1	1.6	1.3	.4	.8	1.0	1.1	.1										87	87	56	36
50/ 49	.3	.8	2.0	2.3	1.4	2.3	.6											131	131	99	32
48/ 47	.4	1.9	1.0	1.3	2.3	2.1	.1											130	130	74	38
46/ 45	.1	2.4	1.2	1.7	2.1	1.3												118	118	97	71
44/ 43	.3	1.4	1.3	1.6	3.2	.8	.1											118	118	123	66
42/ 41	.4	.9	1.0	1.8	2.8	.4												97	97	98	47
40/ 39	.4	1.3	.7	1.3	2.3	.2												88	88	158	64
38/ 37	.1	1.6	.7	2.7	2.7	.1												108	108	98	65
36/ 35	.3	.8	1.0	1.4	1.3	.1												67	67	130	76
34/ 33	.2	.7	1.0	1.0	.3													48	48	88	69
32/ 31	.1	.4	1.1	.7	.1													33	33	102	77
30/ 29	.1	.1	.3	.6	.1													19	19	70	83
28/ 27			.4	.2														8	8	44	70
26/ 25			.1	.1														2	2	20	80
24/ 23																				14	86
22/ 21			.1															2	2	1	82
20/ 19			.1															1	1		45
18/ 17																				1	96
16/ 15																					50
14/ 13																					81
12/ 11																					22
10/ 9																					12

Element (X)	$\bar{X}_1$	S_{X_1}	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OBSOLETE OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | NOV MONTH

PAGE 2 | 1200-1600 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
8/ 7																					6
6/ 5																					7
4/ 3																					3
2/ 1																					2
0/ -1																					4
TOTAL	3.3	18.4	15.8	20.2	23.4	12.7	4.2	1.3	.4	.1	.1							1350	1350		1350
																		1350		1350	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1350							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1350		4.2	1.6	.2			90
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1350		14.9					90
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1350	.2	62.7					90

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — NOV MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73						.1												1	1		
72/ 71					.2													3	3		
70/ 69				.1	.1	.1			.1									6	6		
68/ 67				.1	.1				.1									4	4		
66/ 65		.1	.1	.1	.1	.2	.1											10	10	2	
64/ 63		.1	.2	.4	.1	.2		.2										16	16	7	1
62/ 61		.1	.1	.1		.4												10	10	4	3
60/ 59		.3		.1	.5	.2	.6	.2	.1									28	28	12	7
58/ 57	.1	1.0	.6	.1	.5	.1	.4											39	39	14	12
56/ 55	.4	.8	.4	.4	.4	.7	.5		.1									51	51	30	26
54/ 53		2.3	.7	.6	.6	.4	.4		.1									68	68	28	19
52/ 51	.1	1.1	1.2	.8	.9	1.1	.5	.1										80	80	55	30
50/ 49	.1	1.9	2.1	1.1	1.0	1.0	.4											101	101	45	32
48/ 47	.1	2.7	2.3	1.9	2.1	1.3	.1											141	141	83	40
46/ 45	.3	1.3	1.3	1.3	2.4	1.0	.1											109	109	105	62
44/ 43	.4	1.6	1.8	2.6	1.9	.9												122	122	95	84
42/ 41	.4	.9	1.5	2.3	1.9	.4												100	100	98	68
40/ 39	.4	2.0	1.8	2.6	2.4	.2												124	124	121	64
38/ 37	.6	1.3	.9	2.8	1.4													95	95	143	67
36/ 35	.4	1.2	1.9	3.0	.9	.1												100	100	117	89
34/ 33	.4	.7	1.0	1.6	.7													57	57	103	66
32/ 31	.1	.7	.8	1.1	.2													40	40	106	84
30/ 29		.4	.7	.8	.1													26	26	76	79
28/ 27		.1	.4	.2														9	9	68	77
26/ 25		.1	.3															6	6	34	82
24/ 23			.1															1	1	17	84
22/ 21			.1															1	1	4	63
20/ 19			.1															2	2		46
18/ 17																				2	44
16/ 15																				1	46
14/ 13																					37
12/ 11																					30
10/ 9																					20
8/ 7																					5

Element (X)	Σ_{g^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) — USAFETAC — PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | NOV MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 5																					3
4/ 3																					7
0/ -1																					2
-2/ -3																					1
TOTAL	3.9	20.7	20.4	23.9	18.4	8.5	3.0	.6	.4									1350	1350	1350	1350

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	68.7	19.772	1350							
Dry Bulb	[illegible]	[illegible]	44.7	8.518	1350		8.7	.9	.1			90
Wet Bulb	[illegible]	[illegible]	39.7	8.268	1350		19.2					90
Dew Point	[illegible]	[illegible]	32.0	12.151	1350	.2	49.3					90

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) NOV (MONTH)

 1800-2000 (HOURS I.L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
68/ 67				.1														2	2		
66/ 65			.1	.3														6	6		
64/ 63		.1	.3	.3				.1										11	11	1	1
62/ 61		.1	.1	.1	.1	.1	.1											9	9	5	
60/ 59		.4	.1	.1		.1	.1											11	11	13	2
58/ 57	.1	.8	.2	.1	.1	.1												19	19	11	17
56/ 55	.4	1.2	.4	.3	.4	.1												38	38	22	21
54/ 53	.4	1.6	.5	.1	.2	.2	.1											43	43	24	19
52/ 51	.2	1.9	1.0	.4	.3	.1	.3											58	58	41	33
50/ 49	.1	2.0	2.0	.4	1.0	.4												78	78	44	27
48/ 47	.1	3.1	1.4	.7	1.0	.1												89	89	65	27
46/ 45		2.3	1.9	1.0	.7	.1												83	83	76	68
44/ 43	.6	2.8	1.9	2.8	.7	.3												123	123	75	53
42/ 41	.7	1.7	2.1	2.1	.8	.1												103	103	103	70
40/ 39	.6	2.7	4.3	2.4	.7													143	143	94	62
38/ 37	.7	2.0	3.6	2.6	.3													126	126	132	69
36/ 35	.5	1.6	3.5	2.2	.4													112	112	120	76
34/ 33	.4	.9	3.0	2.7	.1													97	97	121	81
32/ 31	.1	1.0	2.6	2.2	.1													81	81	109	91
30/ 29	.1	1.1	2.0	1.3	.1													62	62	92	85
28/ 27		.4	1.4	.1														25	25	80	98
26/ 25		.3	1.1															19	19	64	63
24/ 23		.1	.4															7	7	31	76
22/ 21			.1															2	2	15	69
20/ 19		.1	.1															3	3	7	44
18/ 17		.1	.1															2	2	1	45
16/ 15																				4	62
14/ 13																					31
12/ 11																					29
10/ 9																					11
8/ 7																					7
6/ 5																					6
4/ 3																					2
2/ 1																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) NOV (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-2/ -3																					1
-4/ -5																					1
-6/ -7																					1
TOTAL	5.0	28.2	34.6	22.7	7.0	1.8	.5	.1										1350		1350	
																	1350		1350		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7044072	94908	70.3	17.098	1350							
Dry Bulb	2408689	55307	41.3	8.488	1350		18.4	.1				90
Wet Bulb	2019881	50681	37.7	8.471	1350		24.9					90
Dew Point	1858184	42820	31.8	11.427	1350	.2	48.2					90

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — NOV MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65			.2															3	3		
64/ 63			.1	.1														3	3		
62/ 61		.2	.3															7	7	5	
60/ 59		.2	.2		.1													7	7	7	7
58/ 57	.1	.4	.4	.1			.1											17	17	8	9
56/ 55	.7	1.3	.2		.4	.1	.1											38	38	22	19
54/ 53	.3	1.8	.4	.3	.2													40	40	27	20
52/ 51	.4	1.6	.5	.1	.3													40	40	38	33
50/ 49	.2	2.1	1.0	.8	.1	.3												70	70	28	30
48/ 47	.1	3.5	1.3	.6	.4	.1												82	82	66	24
46/ 45	.2	2.7	1.5	1.0	.4													78	78	68	63
44/ 43	.5	2.7	1.0	1.6	.4													84	84	83	47
42/ 41	.8	1.9	2.6	1.2	.2													91	91	78	68
40/ 39	.4	2.5	3.1	1.0	.4													100	100	70	68
38/ 37	1.0	3.0	4.1	2.0	.3													141	141	127	55
36/ 35	.9	3.0	3.3	1.4	.3													120	120	112	77
34/ 33	.2	3.1	3.9	1.5														118	118	109	91
32/ 31	.2	3.1	3.2	.7	.1													101	101	131	83
30/ 29	.2	1.6	3.3	1.0														83	83	114	93
28/ 27		2.2	2.8	.1														69	69	77	95
26/ 25	.2	.6	.9															23	23	94	80
24/ 23		.4	.3															13	13	45	76
22/ 21		.6	.3															12	12	17	67
20/ 19		.1	.1															3	3	14	62
18/ 17		.1	.1															4	4	3	48
16/ 15		.1	.1															3	3	2	49
14/ 13																				3	34
12/ 11																				2	31
10/ 9																					8
8/ 7																					7
4/ 3																					1
2/ 1																					1
0/ -1																					1
-2/ -3																					3

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Wet Bulb												
Dry Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | NOV MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	6.7	39.0	36.5	13.6	3.6	.5	.1											1350	1350	1350	1350

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7819880	100427	74.4	8.377	1350							
Dry Bulb	2100000	88180	39.4	8.742	1350		89.7					90
Wet Bulb	1988237	82240	36.5	8.910	1350		88.8					90
Dew Point	1824748	68427	31.4	11.812	1350	.3	69.3					90

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — DEC MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59			.1															2	2		
58/ 57			.1															1	1		
56/ 55																				3	
54/ 53		.2	.2															6	6		1
52/ 51	.1	.3	.1															7	7	7	7
50/ 49		.1																1	1	6	2
48/ 47	.1	.2	.1															6	6	5	7
46/ 45	.3	.2	.1			.1												11	11	7	10
44/ 43	.4	1.0	1.0	.1	.1	.1												36	36	12	4
42/ 41	.6	.9	.7	.1	.1													33	33	28	14
40/ 39	.6	.9	.9	.9	.1													48	48	34	22
38/ 37	.3	1.2	1.2	.7														47	47	27	24
36/ 35	.6	1.5	2.5	.6	.1													73	73	47	29
34/ 33	.6	3.9	2.2	.2														97	97	79	45
32/ 31	.6	3.0	3.4	.4														102	102	107	45
30/ 29	.9	4.2	2.6	.1														110	110	88	62
28/ 27	1.0	3.1	1.9	.1														86	86	125	75
26/ 25	1.1	4.8	3.0	.2														127	127	104	92
24/ 23	.4	3.1	2.0															76	76	98	79
22/ 21	1.2	3.9	1.6															90	90	103	83
20/ 19	.4	3.7	1.4															75	77	84	78
18/ 17	.2	4.6	1.2															80	81	86	82
16/ 15	1.2	2.9	.6															64	66	82	83
14/ 13	.8	3.5	.6															64	64	62	72
12/ 11	.7	2.2																41	41	68	78
10/ 9	.5	1.9																34	35	42	77
8/ 7	.2	1.6																25	25	22	52
6/ 5	.1	1.4																20	21	21	67
4/ 3	.2	.2																6	7	19	44
2/ 1		.6																6	6	3	34
0/ -1		.4																5	5	6	42
-2/ -3		.2																3	3	4	17
-4/ -5		.1																2	2	3	16
-6/ -7		.2																3	3	3	5

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 80 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 58-70 YEARS — DEC MONTH

PAGE 2 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-8/ -9																					4
-10/-11																					11
-12/-13																					7
-14/-15																					2
-16/-17																					5
-18/-19																					3
-20/-21																					1
-22/-23																					6
TOTAL	12.8	55.9	27.3	3.5	.3	.2											1387	1395	1387	1387	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.					1387							
Dry Bulb					1395	.0	68.8					93
Wet Bulb					1387	1.2	78.9					93
Dew Point					1387	8.0	81.9					93

USAFETAC FORM 20-24-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 58-70 (YEARS) DEC (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59			.1															1	1		
58/ 57		.1	.1															2	2		
56/ 55		.1	.1															3	3	3	
54/ 53		.1	.2															5	5	3	1
52/ 51		.3	.1															6	6	6	7
50/ 49		.4	.1															6	6	4	3
48/ 47	.3	.3																8	8	11	10
46/ 45	.2	.6	.4	.1														18	18	9	12
44/ 43	.1	.6	.6	.1		.1												22	22	12	4
42/ 41	.1	.9	.4	.1	.1													23	23	15	9
40/ 39	.1	2.0	.8	.4														46	46	36	12
38/ 37	.8	1.2	.3	.6														36	36	26	31
36/ 35	.4	2.4	2.2	.3														73	73	35	37
34/ 33	.5	2.8	1.9	.2														76	76	63	37
32/ 31	.6	4.2	1.3	.4														90	90	87	44
30/ 29	1.2	4.0	3.0	.4														117	117	110	61
28/ 27	1.2	3.5	2.2	.1														97	97	97	79
26/ 25	1.2	3.9	3.1	.1														115	115	105	79
24/ 23	1.1	4.3	1.1															90	90	117	75
22/ 21	1.5	3.6	1.0															83	83	109	68
20/ 19	.9	4.9	.6															88	88	82	91
18/ 17	.1	2.9	.5															49	50	77	97
16/ 15	.9	4.0	.6															76	77	64	71
14/ 13	.6	6.3	.1															70	71	71	84
12/ 11	1.4	2.6	.3															59	59	86	77
10/ 9	.6	3.1	.1															39	40	62	77
8/ 7	.4	1.2																23	25	34	54
6/ 5	.3	1.3																23	26	19	30
4/ 3	.1	1.1																17	17	29	37
2/ 1	.2	.3																7	7	11	42
0/ -1	.1	.3																5	5	5	22
-2/ -3		.3																4	4	4	25
-4/ -5		.3																4	4	5	20
-6/ -7		.2																3	3	3	12

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAETAC FORM 0-26-5 (OL A) SUPERSEDES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | DEC MONTH

PAGE 2 | 0300-0900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-8/ -9																				2	6
-10/-11																					8
-12/-13																					7
-14/-15																					4
-16/-17																					6
-18/-19																					3
-20/-21																					1
-22/-23																					3
-24/-25																					2
TOTAL	14.7	31.2	21.0	2.9	.1	.1													1299		1388
																		1388		1388	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb						1.1	71.8					93
Wet Bulb						1.3	72.4					93
Dew Point						4.0	88.1					93

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — DEC MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59		.2																3	3		
58/ 57																				3	
56/ 55																					3
54/ 53		.4	.1															7	7	2	
52/ 51		.1	.1															3	3	6	5
50/ 49		.4	.2															11	11	3	4
48/ 47	.4	.3	.1															11	11	15	11
46/ 45	.1	.6	.4	.1														17	17	7	10
44/ 43	.1	.2	.5	.2														15	15	15	7
42/ 41	.1	.9	.4	.2		.1												26	26	11	7
40/ 39	.2	1.4	.6	.4	.1													38	38	24	12
38/ 37	.3	1.7	.8	.2														38	38	37	26
36/ 35	.3	2.7	.9	.2														58	58	44	28
34/ 33	1.1	3.2	2.1	.4														95	95	67	43
32/ 31	.8	3.6	1.1	.1														77	77	85	60
30/ 29	.7	3.8	2.2	.5														100	100	94	58
28/ 27	1.1	4.8	1.8	.4														111	111	85	56
26/ 25	.9	6.3	1.9	.1														99	99	113	88
24/ 23	1.3	4.0	1.4															92	92	107	73
22/ 21	1.4	4.3	.9															94	94	106	80
20/ 19	.6	4.0	.9															76	76	90	79
18/ 17	.9	3.4	.8															73	73	79	90
16/ 15	.5	4.0	.1															64	64	68	73
14/ 13	.5	3.9	.3															65	66	67	66
12/ 11	1.0	3.2	.1															60	61	77	75
10/ 9	1.4	2.9	.1															61	61	86	73
8/ 7	.5	.7																17	22	42	64
6/ 5	.7	1.3																28	29	36	44
4/ 3	.2	1.4																23	24	16	34
2/ 1		.7																10	10	20	30
0/ -1	.2	.1																4	4	8	33
-2/ -3		.2																3	3	2	24
-4/ -5	.1	.3																5	5	7	12
-6/ -7	.1																	1	1	1	7

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) DEC (MONTH)

PAGE 2 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-8/ -9		.2																3	3	1	7
-10/-11																				2	15
-12/-13																					8
-14/-15																					6
-16/-17																					3
-18/-19																					5
-20/-21																					2
-24/-25																					3
TOTAL	15.5	84.0	17.5	2.8	.4	.1												1386	1393	1386	1386

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) EDITION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 50-70 YEARS — DEC MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59			.1															1	1		
58/ 57			.1	.2														4	4		
56/ 55		.2	.1															4	4	1	
54/ 53		.3		.1		.1			.1									7	7	4	2
52/ 51		.2	.1	.1	.1													8	8	10	5
50/ 49		.4	.4	.1	.1	.1	.1											16	16	2	5
48/ 47	.2	.2	.4	.4	.1													18	18	12	8
46/ 45		.9	.6	.4	.1	.1	.1											28	28	16	11
44/ 43	.2	.8	1.0	.3	.1	.1												35	35	20	12
42/ 41	.2	.8	1.2	.9	.6													90	90	31	15
40/ 39	.4	1.4	1.1	.9	.4													60	60	41	21
38/ 37	.2	1.7	1.6	1.4														67	67	50	28
36/ 35	.9	1.9	1.7	1.3	.2													83	83	77	55
34/ 33	.4	2.4	2.2	1.0	.1													85	85	79	44
32/ 31	.8	3.6	2.0	1.6														111	111	97	46
30/ 29	.4	3.4	2.9	1.4	.1													118	118	95	48
28/ 27	.7	2.3	3.4	.7														99	99	112	70
26/ 25	.7	3.0	2.9	.3														97	97	98	75
24/ 23	.2	3.0	2.7															83	83	122	86
22/ 21	.4	2.4	2.6	.1	.1													80	80	98	89
20/ 19	.3	3.1	1.7															71	72	78	78
18/ 17	.5	3.0	.9		.1													62	62	85	71
16/ 15	.4	2.9	1.2															62	63	68	65
14/ 13	.4	2.0	.8															47	47	62	76
12/ 11	.5	1.7	.3															34	34	47	82
10/ 9	.3	1.2	.1															23	23	36	74
8/ 7	.4	.8	.1															17	17	20	70
6/ 5	.1	.3																5	5	15	50
4/ 3		.6																9	9	5	43
2/ 1	.1	.1																3	3	9	38
0/ -1		.3																4	4	1	22
-2/ -3																				3	24
-4/ -5		.1																1	1	1	15
-6/ -7		.1																1	1		9

Element (X)	$\Sigma_n X^2$	$\Sigma_n X$	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) DEC (MONTH)

PAGE 2 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-8/ -9																				1	9
-10/-11																					12
-12/-13																					9
-14/-15																					4
-16/-17																					1
-18/-19																					1
-22/-23																					2
-24/-25																					1
TOTAL	9.0	45.0	32.2	11.2	2.0	.4	.1		.1									1393	1395	1393	1391

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.					1393							
Dry Bulb					1395	.4	61.9					93
Wet Bulb					1393	.4	70.1					93
Dew Point					1391	7.8	78.2					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) DEC (MONTH)

PAGE 1 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61									.1									2	2		
60/ 59			.2	.1	.1	.1												9	9		
58/ 57			.1		.1	.1		.1										6	6		
56/ 55		.1	.1		.1		.1		.1									7	7	4	
54/ 53		.3	.1		.1	.1												7	7	7	2
52/ 51			.1	.3	.5	.4	.1	.1										22	22	6	7
50/ 49		.1	.3	.4	.5													18	18	8	4
48/ 47	.4	.5	.4	.6	.7	.1												39	39	14	10
46/ 45	.1	1.1	1.1	.1	.3	.1	.1											41	41	25	11
44/ 43	.1	.9	1.8	.9	.7	.6												70	70	48	11
42/ 41	.4	.4	1.3	2.1	1.5	.3	.1											83	83	45	27
40/ 39	.2	.9	.6	1.7	1.4	.1												70	70	47	32
38/ 37	.8	.9	.9	2.2	1.2													84	84	74	36
36/ 35	.4	1.4	1.6	2.7	.6													94	94	70	65
34/ 33	.5	2.6	1.8	3.3	.8													125	125	91	38
32/ 31	.5	1.6	2.2	3.2	.2													106	106	123	57
30/ 29	.2	1.3	3.5	3.1	.3													117	117	103	60
28/ 27	.8	1.2	3.2	1.9														99	99	113	73
26/ 25	.4	1.3	3.7	1.1														91	91	136	79
24/ 23	.1	2.2	2.6	.6														76	76	107	58
22/ 21	.4	2.3	2.1	.6														75	75	109	73
20/ 19	.2	.6	2.6	.6														52	52	79	81
18/ 17	.4	.9	1.1	.1														35	36	53	100
16/ 15	.1	.8	.9															28	28	49	97
14/ 13		.1	.1															3	3	31	86
12/ 11		1.1																18	18	12	73
10/ 9	.4	.6																14	14	16	81
8/ 7		.2																3	3	8	38
6/ 5																				3	52
4/ 3		.4																5	5		30
2/ 1		.1																1	1	5	20
0/ -1																				1	26
-2/ -3																					13
-4/ -5																					10

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) DEC (MONTH)

 1200-1600 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-6/ -7																					12
-8/ -9																					14
-10/-11																					5
-12/-13																					6
-14/-15																					2
-16/-17																					1
-18/-19																					1
-20/-21																					3
TOTAL	6.5	23.7	32.5	25.3	9.2	2.0	.4	.2	.2									1396	1395	1396	1394

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	1396							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1395		67.9					
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	1396	.1	68.9					
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	1394	6.2	78.1					

USAFETAC FORM 0-36-5 (OL A) EDITED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 56-70 (YEARS) DEC (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59			.1			.1		.1										3	3		
58/ 57				.1	.1	.1												4	4		
56/ 55		.1	.2	.1	.1		.1		.1									8	8	1	
54/ 53		.3	.1	.1	.1	.1	.1											10	10	2	1
52/ 51		.2	.3	.2	.1	.1												13	13	9	3
50/ 49		.3	.1	.1	.4	.3	.1	.1										19	19	10	6
48/ 47	.1	.6	.4	.4	.3													24	24	12	10
46/ 45	.1	1.1	.7	.5	.1	.2												39	39	17	9
44/ 43		1.0	1.3	.7	.4	.2												53	53	33	8
42/ 41	.3	.6	1.1	1.4	1.0	.1												64	64	35	28
40/ 39	.4	.8	2.2	1.9	1.1													87	87	53	21
38/ 37	.5	1.4	1.4	1.7	1.0													85	85	55	42
36/ 35	.6	1.9	2.3	2.5	.5													108	108	90	37
34/ 33	.3	2.2	2.2	2.5	.3													103	103	100	40
32/ 31	.7	1.7	3.0	2.8	.3													119	119	116	71
30/ 29	.1	1.8	3.4	2.2	.3													109	109	102	57
28/ 27	.6	2.1	3.9	1.9														117	117	123	65
26/ 25	.6	1.9	3.9	1.6														113	113	133	100
24/ 23	.4	2.7	3.2	.4														94	94	118	66
22/ 21	.3	1.6	2.2	.6														65	65	120	61
20/ 19	.4	.6	2.1	.2														45	46	85	91
18/ 17	.5	.8	1.5															39	39	52	96
16/ 15	.1	.9	.6															24	24	49	114
14/ 13		.4	.1															6	6	27	64
12/ 11	.1	1.1	.1															17	17	18	48
10/ 9	.2	.6	.1															11	11	12	88
8/ 7		.3																4	4	6	59
6/ 5		.3																6	6	5	49
4/ 3		.2																3	3	4	42
2/ 1		.2																3	3	3	32
0/ -1		.1																1	1	3	21
-2/ -3																				1	17
-4/ -5																					9
-6/ -7																					11

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 82 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | DEC MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-8/ -9																					5
-10/-11																					5
-12/-13																					5
-14/-15																					2
-16/-17																					1
-18/-19																					5
-20/-21																					3
TOTAL	6.2	27.4	36.9	21.7	6.0	1.2	.2	.2	.1										1395		1394
																		1394	1394		

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	[illegible]	87399	62.7	18.396	1394							
Wet Bulb	[illegible]	44888	31.4	9.600	1395	.1	91.7					93
Dew Point	[illegible]	39028	27.9	9.010	1394	.3	68.2					93
Dew Temp	[illegible]	26998	19.3	12.891	1394	8.7	79.3					93

0-28-3 (OL A) EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 50-70 YEARS — DEC MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59			.1															2	2	
58/ 55			.1		.2													4	4	2	
54/ 53		.2			.1													5	5	1	2
52/ 51		.3	.3		.1													9	9	5	1
50/ 49	.1	.3		.1	.1	.1		.1										12	12	9	9
48/ 47			.1	.2	.1													6	6	7	4
46/ 45	.2	.6	.4	.4	.1		.1											26	26	7	7
44/ 43	.1	1.2	.2	.7	.1													33	33	20	9
42/ 41	.3	1.0	.9	.3	.2													38	38	31	17
40/ 39	.5	1.1	1.8	1.7	.1													73	73	39	32
38/ 37	.3	2.2	1.7	1.2	.1													77	77	49	15
36/ 35	.8	1.9	2.4	.9	.1													85	85	67	36
34/ 33	.8	2.9	2.1	1.2	.1													99	99	103	54
32/ 31	.6	2.9	4.1	1.1														120	120	93	59
30/ 29	.4	2.7	3.7	.8	.1													107	107	95	71
28/ 27	.4	2.7	3.8	.9														109	109	120	68
26/ 25	.6	2.3	4.2	.6														106	106	120	94
24/ 23	.5	3.2	4.6	.2														119	119	105	59
22/ 21	.6	2.9	3.4															96	96	126	65
20/ 19	.4	2.2	2.9	.1														79	80	107	101
18/ 17	.4	2.2	1.4															56	56	82	73
16/ 15	.5	1.7	.8															41	41	74	98
14/ 13		1.3	.4															24	24	37	89
12/ 11	.6	1.4	.1															26	26	34	66
10/ 9	.1	1.0																15	15	20	66
8/ 7	.1	.1	.1															3	6	16	69
6/ 5		.5	.1															8	8	4	58
4/ 3		.3																4	4	10	41
2/ 1		.1																1	1	1	31
0/ -1		.4																6	6	1	31
-2/ -3		.1																2	2	6	15
-4/ -5																				2	17
-6/ -7																					11
-8/ -9																					2

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION — PEASE AFB N H/PORTSMOUTH STATION NAME — 56-70 YEARS — DEC MONTH

PAGE 2 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
≥10/-11																					10
≥12/-13																					1
≥16/-17																					1
≥18/-19																					4
≥20/-21																					4
≥22/-23																					2
≥24/-25																					1
TOTAL	8.0	60.0	89.8	10.5	1.5	.1	.1	.1										1393	1393	1393	1393

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb						.8	61.7					93
Wet Bulb						.4	78.3					93
Dew Point												93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04763 (STATION) PEASE AFB N H/PORTSMOUTH (STATION NAME) 50-70 (YEARS) DEC (MONTH)

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59			.2															3	3		
56/ 55																				3	
54/ 53	.1	.1	.1	.1														7	7	1	3
52/ 51	.1	.4	.1	.1		.1												10	10	7	4
50/ 49			.1			.1												2	2	3	5
48/ 47	.1	.2			.1													5	5	7	
46/ 45	.2	.5	.1	.2	.1		.2											19	19	9	10
44/ 43	.4	.6	.6	.6	.1													33	33	11	9
42/ 41	.5	1.6	.5	.6														45	45	29	16
40/ 39	.5	.6	.7	.5	.1													34	34	37	22
38/ 37	.4	2.1	1.9	.6	.1													73	73	40	24
36/ 35	.4	2.0	2.9	.6														83	83	98	30
34/ 33	.9	3.4	2.4	.1														95	95	92	55
32/ 31	.6	2.9	3.5	.4														104	104	99	49
30/ 29	.3	3.0	2.1	.4														81	81	89	65
28/ 27	1.1	4.3	3.4	.4														127	127	111	73
26/ 25	.6	2.9	3.4	.4														102	102	91	91
24/ 23	1.0	2.5	2.7	.1														87	87	126	76
22/ 21	.8	4.0	2.7	.1														106	106	99	70
20/ 19	.4	3.9	2.4															93	93	103	83
18/ 17	.2	3.2	1.4															66	66	90	85
16/ 15	.6	3.2	.4															60	60	87	73
14/ 13	.4	2.7	.5															50	50	61	72
12/ 11	.6	2.0																33	33	43	87
10/ 9	.4	1.7	.1															31	31	33	78
8/ 7	.6	1.1																21	21	31	52
6/ 5	.1	.4																6	6	16	73
4/ 3	.1	.6																6	6	3	54
2/ 1		.2																3	3	7	42
0/ -1		.1																2	2	2	24
-2/ -3		.4																6	6	3	22
-4/ -5		.1																2	2	5	16
-6/ -7																				1	3
-8/ -9																					4

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-36-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04743 STATION | PEASE AFB N H/PORTSMOUTH STATION NAME | 56-70 YEARS | DEC MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-10/-11																					3
-12/-13																					6
-14/-15																					2
-16/-17																					2
-18/-19																					1
-20/-21																					4
-22/-23																					5
TOTAL	10.9	30.5	32.4	5.4	.6	.1	.2												1395		1395
																		1395		1395	

Element (X)	$\Sigma_{\bar{X}}^2$	$\Sigma_{\bar{X}}$	$\bar{X}$	$\sigma_{\bar{X}}$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.2	66.2					66
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.2	33.8					33
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0	81.1					81

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

04743 — STATION
PEASE AFB N H/PORTSMOUTH — STATION NAME
50-70 — YEARS

HRS (L S T)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	21.0	21.9	30.5	39.6	49.7	59.2	64.2	63.0	56.3	47.0	38.5	25.7	43.5
	S D	11.079	10.296	7.370	6.777	7.726	6.771	5.352	5.770	8.211	8.349	8.922	10.430	17.208
	TOTAL OBS	1302	1185	1302	1926	1395	1349	1395	1395	1350	1395	1350	1395	16139
03-05	MEAN	19.8	20.4	29.1	37.9	47.8	57.4	62.3	61.0	54.6	45.4	37.3	24.8	41.9
	S D	11.499	10.882	7.413	6.886	7.744	6.496	5.548	6.146	8.527	8.408	9.134	10.851	17.088
	TOTAL OBS	1302	1185	1302	1926	1395	1350	1395	1395	1350	1395	1350	1395	16140
06-08	MEAN	19.1	19.6	29.4	40.5	52.0	61.7	66.0	63.8	56.2	46.1	37.2	24.2	43.4
	S D	11.933	11.296	7.876	7.221	7.938	6.861	5.471	6.049	8.345	8.245	9.144	11.050	18.547
	TOTAL OBS	1302	1184	1302	1925	1395	1350	1394	1395	1350	1395	1350	1395	16137
09-11	MEAN	23.0	24.6	35.1	47.9	59.6	69.4	73.7	72.2	64.4	54.2	42.2	28.1	50.0
	S. D.	11.139	10.397	7.912	8.440	9.364	8.542	6.622	6.482	8.281	8.442	8.665	10.388	19.939
	TOTAL OBS	1302	1185	1302	1923	1395	1350	1395	1395	1350	1395	1350	1395	16137
12-14	MEAN	28.1	29.8	38.9	51.0	62.4	72.5	77.1	76.0	68.4	58.8	46.1	32.3	53.9
	S. D.	9.937	9.809	8.173	9.123	10.430	9.026	7.429	7.278	8.939	9.232	8.639	9.964	19.689
	TOTAL OBS	1302	1185	1302	1926	1395	1350	1395	1395	1350	1394	1350	1395	16139
15-17	MEAN	28.3	30.2	38.9	50.2	61.3	71.5	76.1	75.0	67.2	57.0	44.7	31.4	53.1
	S. D.	9.484	9.088	7.955	8.912	10.384	10.110	7.419	7.412	9.024	9.007	8.515	9.600	19.264
	TOTAL OBS	1302	1185	1300	1926	1395	1350	1395	1395	1350	1395	1350	1395	16138
18-20	MEAN	25.1	26.9	35.5	48.5	59.6	69.6	73.1	69.5	61.6	51.9	41.3	28.5	48.8
	S. D.	9.645	9.139	7.298	7.487	9.078	8.981	6.488	6.669	7.999	8.094	8.458	9.625	18.290
	TOTAL OBS	1302	1185	1302	1926	1395	1350	1395	1395	1350	1395	1350	1395	16140
21-23	MEAN	22.8	24.3	32.7	45.3	55.7	65.2	69.8	67.3	58.3	49.0	39.4	26.8	45.7
	S. D.	10.374	9.688	7.279	6.904	8.306	7.487	5.897	5.864	7.881	8.205	8.742	10.090	17.435
	TOTAL OBS	1301	1185	1302	1926	1395	1349	1395	1395	1350	1395	1350	1395	16138
ALL HOURS	MEAN	23.4	24.7	33.7	44.3	55.3	65.1	69.7	68.2	60.9	51.2	40.8	27.7	47.5
	S. D.	11.193	10.722	8.080	9.041	10.281	9.080	6.100	6.394	9.758	9.760	9.312	10.633	18.944
	TOTAL OBS	16018	14579	16024	18904	13160	16778	13159	13160	10000	13159	10000	13160	159180

USAFETAC FORM JUL 64 0-89-5 (OL-1)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

04743 STATION | PEASE APB N H/PORTSMOUTH STATION NAME | 56-70 YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	19.3	20.1	27.9	36.5	46.1	55.9	61.0	60.0	53.7	44.1	36.0	23.8	40.8
	S D	10.838	10.138	7.276	6.715	7.259	6.219	5.205	5.619	8.161	8.475	9.097	10.104	16.713
	TOTAL OBS	1300	1181	1301	1326	1395	1350	1395	1395	1350	1395	1350	1387	16125
03-05	MEAN	18.3	18.8	26.8	35.3	44.8	54.8	59.8	58.6	52.4	42.8	35.0	23.2	39.6
	S D	11.262	10.703	7.595	6.908	7.440	6.180	5.459	6.102	8.524	8.935	9.240	10.489	16.765
	TOTAL OBS	1298	1183	1300	1326	1395	1350	1392	1395	1350	1395	1350	1388	16122
06-08	MEAN	17.7	18.2	27.0	37.0	47.4	57.3	61.8	60.2	53.4	43.3	34.9	22.7	40.5
	S. D	11.724	11.089	7.731	6.898	7.266	6.024	5.134	5.822	8.283	8.456	9.260	10.683	17.582
	TOTAL OBS	1298	1172	1302	1325	1395	1350	1394	1395	1350	1395	1349	1386	16111
09-11	MEAN	20.8	22.0	30.9	41.1	50.9	60.7	64.9	63.9	57.6	48.1	38.3	25.6	44.1
	S. D.	10.774	10.001	7.119	6.838	7.576	6.471	5.352	5.886	7.494	8.042	8.681	10.077	17.474
	TOTAL OBS	1301	1184	1302	1323	1395	1350	1395	1395	1350	1395	1350	1393	16133
12-14	MEAN	24.6	26.0	33.4	42.8	52.1	61.7	65.9	64.9	59.0	50.3	40.4	28.5	46.2
	S D.	9.329	8.818	6.850	6.624	7.578	6.745	5.372	5.678	7.517	8.039	8.314	9.806	16.478
	TOTAL OBS	1302	1183	1302	1326	1395	1350	1395	1395	1350	1394	1350	1394	16136
15-17	MEAN	24.8	26.3	33.3	42.4	51.6	61.3	65.6	64.6	58.6	49.4	39.7	27.9	45.9
	S. D.	8.917	8.378	6.608	6.303	7.478	6.736	5.119	5.684	7.495	7.919	8.363	9.010	16.262
	TOTAL OBS	1302	1184	1300	1325	1395	1350	1395	1395	1350	1395	1350	1394	16135
18-20	MEAN	22.3	24.0	31.3	40.0	49.6	59.5	64.0	62.8	56.5	47.0	37.7	25.9	43.8
	S. D.	9.408	8.839	6.737	6.048	7.402	6.049	5.062	5.539	7.470	7.935	8.671	9.293	16.499
	TOTAL OBS	1300	1184	1301	1326	1395	1350	1395	1395	1350	1395	1350	1393	16134
21-23	MEAN	20.7	22.0	29.8	38.3	47.9	57.6	62.3	61.2	54.9	45.4	36.3	24.6	42.1
	S. D.	10.203	9.501	7.017	6.193	7.349	6.413	5.084	5.405	7.755	8.251	8.910	9.782	16.300
	TOTAL OBS	1301	1185	1302	1326	1395	1350	1395	1395	1350	1395	1350	1395	16139
ALL HOURS	MEAN	21.1	22.2	30.0	39.2	48.8	58.6	63.2	62.0	55.8	46.3	37.3	25.3	42.9
	S. D.	10.600	10.138	7.208	7.060	7.816	6.568	5.480	6.098	8.190	8.686	9.087	10.039	16.985
	TOTAL OBS	10403	9464	10410	10603	11160	10800	11156	11160	10800	11159	10799	11150	129253

USAFETAC FORM JUL 84 0-89-5 (OL-1)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

04743 — STATION
PEASE AFB N H/PORTSMOUTH — STATION NAME
50-70 — YEARS

HRS (L S T)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	12.3	12.7	21.6	31.5	42.2	53.6	59.0	58.0	51.6	40.5	31.7	17.8	36.5
	S. D.	14.272	13.874	10.720	9.478	8.931	6.902	5.919	6.284	8.999	10.316	11.364	12.754	19.423
	TOTAL OBS	1300	1181	1301	1326	1393	1350	1393	1393	1350	1395	1350	1387	16125
03-05	MEAN	11.5	12.0	20.8	30.8	41.5	52.9	58.2	57.0	50.6	39.6	31.0	17.5	35.8
	S. D.	14.573	14.190	10.821	9.450	8.839	6.760	5.961	6.674	9.249	10.236	11.377	12.923	19.416
	TOTAL OBS	1298	1183	1300	1326	1393	1350	1392	1395	1350	1395	1350	1388	16122
06-08	MEAN	10.9	11.5	20.7	31.5	42.5	54.1	59.2	57.7	51.0	39.8	30.8	17.2	36.1
	S. D.	14.952	14.484	10.960	9.688	9.377	6.993	6.108	6.647	9.236	10.202	11.402	13.124	19.933
	TOTAL OBS	1296	1172	1302	1325	1393	1350	1394	1395	1350	1395	1349	1386	16109
09-11	MEAN	12.8	13.4	21.9	31.5	42.3	54.7	59.7	58.7	52.4	41.5	32.1	18.5	37.1
	S. D.	14.379	13.973	10.790	10.549	10.991	8.382	7.329	7.392	9.410	10.825	11.686	13.046	19.872
	TOTAL OBS	1301	1184	1302	1323	1395	1350	1395	1395	1350	1395	1350	1391	16131
12-14	MEAN	14.6	15.5	23.1	31.9	42.3	54.5	59.4	58.3	52.2	41.6	32.1	19.5	37.5
	S. D.	13.421	13.168	10.590	10.288	10.860	8.739	7.509	7.737	9.838	11.314	12.231	12.736	19.224
	TOTAL OBS	1302	1182	1302	1326	1395	1350	1395	1395	1350	1394	1350	1394	16135
15-17	MEAN	14.8	15.8	23.4	31.9	42.2	54.5	59.4	58.2	52.3	41.6	32.0	19.3	37.6
	S. D.	13.373	12.895	10.377	9.873	10.710	8.392	7.277	7.642	9.730	11.129	12.131	12.591	19.064
	TOTAL OBS	1302	1184	1300	1325	1395	1350	1395	1395	1350	1395	1350	1394	16139
18-20	MEAN	14.0	15.0	23.1	32.2	42.6	54.7	59.7	58.6	52.5	41.5	31.8	18.6	37.3
	S. D.	13.584	13.090	10.630	9.859	10.068	7.821	6.984	6.988	9.056	10.864	11.827	12.558	19.228
	TOTAL OBS	1300	1184	1301	1326	1395	1350	1395	1395	1350	1395	1350	1393	16134
21-23	MEAN	13.2	14.2	22.6	32.2	42.9	54.4	59.5	58.5	52.1	41.1	31.6	18.1	37.1
	S. D.	14.082	13.482	10.677	9.859	9.468	7.270	6.168	6.484	8.913	10.573	11.512	12.564	19.334
	TOTAL OBS	1301	1183	1302	1326	1395	1350	1395	1395	1350	1395	1350	1395	16139
ALL HOURS	MEAN	13.0	13.8	22.1	31.7	42.3	54.2	59.3	58.1	51.8	40.9	31.6	18.3	36.9
	S. D.	14.136	13.730	10.736	9.753	9.945	7.711	6.661	7.010	9.331	10.853	11.781	12.809	19.448
	TOTAL OBS	10400	9457	10410	10602	11160	10800	11156	11160	10800	11159	10799	11128	129050

USAFETAC FORM JUL 64 0-69-5 (OL-I)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ MAC

RELATIVE HUMIDITY

06743 PEASE AFB [illegible]/PORTSMOUTH | 56-70 | ALL
STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	98.8	92.4	77.8	58.7	41.0	25.1	10.8	65.7	10400
FEB		100.0	99.9	98.2	90.4	72.5	55.8	38.3	23.7	10.7	64.7	9456
MAR		100.0	99.8	96.9	87.9	72.9	56.5	41.7	26.0	11.6	65.0	10410
APR		100.0	99.1	93.5	83.6	70.4	57.4	43.7	30.6	14.9	64.8	10603
MAY		100.0	99.2	96.1	86.4	76.0	58.2	44.9	31.5	15.8	65.7	11100
JUN		100.0	99.9	98.2	92.1	86.1	69.1	54.6	37.8	17.1	70.9	10800
JUL		100.0	100.0	99.1	94.3	84.7	72.4	58.0	40.2	15.4	72.2	11136
AUG		100.0	100.0	99.6	95.6	89.0	73.3	58.2	40.1	15.5	72.5	11160
SEP		100.0	100.0	99.6	96.3	87.8	76.6	61.8	43.4	20.3	74.4	10800
OCT		100.0	99.9	98.7	93.2	82.0	68.1	52.4	35.1	17.4	70.4	11189
NOV		100.0	99.9	99.3	95.1	88.3	70.9	53.3	37.6	17.7	71.6	10799
DEC		100.0	99.9	99.2	95.8	84.0	66.4	48.3	30.3	11.8	69.0	11128
TOTALS		100.0	99.8	97.9	91.8	80.0	65.3	49.7	33.7	14.8	68.9	129081

USAF ETAC [illegible] 0-07-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

04743 PEASE AFB, N/PORTSMOUTH 57-70

STATION # STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	99.5	96.1	87.2	69.[illegible]	49.2	29.8	13.2	69.[illegible]	1300
	03-05	100.0	100.0	99.7	97.1	87.4	71.7	51.8	31.7	13.1	70.7	1296
	06-08	100.0	100.0	100.0	97.1	87.3	73.2	53.6	33.6	13.4	71.2	1296
	09-11	100.0	100.0	99.5	93.8	79.5	59.4	39.5	23.4	10.3	66.0	1301
	12-14	100.0	99.8	97.4	85.3	64.9	40.1	25.2	15.4	7.9	58.7	1302
	15-17	100.0	99.9	95.7	82.6	61.8	42.0	28.3	18.0	7.5	59.1	1302
	18-20	100.0	100.0	98.8	92.0	74.4	52.2	36.8	23.7	8.5	64.2	1300
	21-23	100.0	99.9	99.4	94.8	83.1	63.3	43.3	26.8	10.8	67.6	1301
TOTALS		100.0	100.0	98.8	92.4	77.8	58.9	41.0	25.3	10.6	65.9	10400

USAF ETAC [illegible] 0-87-5 (OL I)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ AC

2

RELATIVE HUMIDITY

04743 | PEASE AFB / PORTSMOUTH | 57-75 | [illegible]
STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.8	99.4	84.8	64.9	45.5	28.9	12.0	68.5	1181
	03-05	100.0	100.0	99.7	97.1	80.8	72.9	51.1	30.5	14.5	70.7	1184
	06-08	100.0	100.0	99.8	98.0	89.2	73.4	52.2	30.8	12.4	71.0	1172
	09-11	100.0	100.0	98.4	91.3	74.5	57.7	35.8	21.9	9.2	63.9	1184
	12-14	100.0	99.9	95.4	79.9	57.7	36.3	23.8	15.7	7.5	57.2	1183
	15-17	100.0	99.4	94.3	78.2	58.2	39.0	25.6	17.4	8.4	57.5	1184
	18-20	100.0	100.0	98.6	89.1	70.2	49.6	32.9	20.1	9.7	62.5	1184
	21-23	100.0	100.0	99.6	94.0	80.2	58.8	39.6	24.6	11.8	66.4	1185
TOTALS		100.0	99.9	98.2	90.4	73.5	55.8	38.3	23.7	10.7	64.7	9436

USAF ETAC [illegible] 0-87-5 (OL 1)

2

DATA PROCESSING DIVISION
TAC/USAF
AIR WEAR EY SERVICE/MAC

RELATIVE HUMIDITY

04743 PEASE AFB [illegible]/PORTSMOUTH | 57-70 | | MONTH

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	99.8	96.7	84.6	69.3	53.3	34.9	15.6	70.5	1301
	03-05	100.0	100.0	99.8	98.1	88.9	72.5	55.0	38.5	16.2	72.5	1300
	06-08	100.0	100.0	99.8	96.9	87.3	69.3	52.2	36.4	15.2	71.2	1302
	09-11	100.0	99.8	97.2	85.2	63.9	44.2	30.8	21.8	10.5	60.2	1302
	12-14	100.0	99.2	92.5	73.4	52.9	36.2	27.3	17.5	6.8	56.1	1302
	15-17	100.0	99.5	90.9	73.1	55.9	40.3	28.1	18.0	6.8	56.8	1300
	18-20	100.0	100.0	96.0	86.6	69.4	55.5	39.1	25.9	9.2	63.6	1301
	21-23	100.0	100.0	99.5	93.5	80.3	64.5	46.8	31.1	12.1	68.1	1302
TOTALS		100.0	99.8	96.9	87.9	72.9	56.5	41.7	28.0	11.6	63.0	10410

[illegible]-87-5 (COL 1)

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ MAC

RELATIVE HUMIDITY

04743 PLATTSBURGH AFB, N.Y./PLATTSBURGH
STATION / STATION NAME

56-70
PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.5	96.5	89.2	77.9	61.4	43.7	22.3	74.5	1326
	03-05	100.0	100.0	99.7	97.4	93.2	84.4	67.9	50.5	22.3	77.2	1326
	06-08	100.0	100.0	99.4	94.6	86.1	72.7	55.1	37.9	17.8	72.1	1325
	09-11	100.0	99.1	90.9	71.8	51.4	37.5	27.8	20.6	10.1	56.6	1327
	12-14	100.0	97.7	83.0	64.0	44.8	30.7	22.5	15.7	8.2	52.1	1326
	15-17	100.0	96.5	84.4	68.1	48.2	35.2	26.2	17.7	7.3	53.7	1325
	18-20	100.0	99.5	92.8	83.8	69.5	53.2	37.8	25.6	10.4	63.0	1326
	21-23	100.0	100.0	98.2	92.5	82.0	67.9	51.2	33.2	16.0	69.8	1326
TOTALS		100.0	99.1	93.5	83.6	70.4	57.4	43.7	30.6	13.9	64.9	10603

ATA PROCESSING CENTER
ETAC/USAF
FOR LAT EP [illegible]

RELATIVE HUMIDITY

[illegible] / PERTH [illegible] | 50-70 | [illegible]
STATION | STATION NAME | PERIOD | MONTH

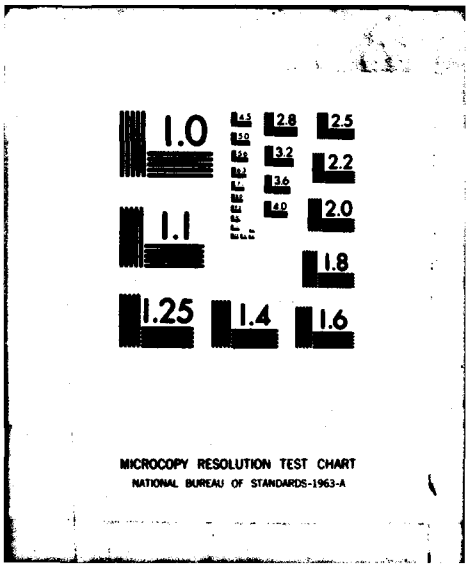
CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	93.9	93.3	81.1	67.2	47.4	23.4	77.[illegible]	1395
	03-05	100.0	100.0	100.0	99.[illegible]	97.1	89.[illegible]	73.0	51.4	29.0	80.[illegible]	1395
	06-08	100.0	100.0	99.1	96.8	87.3	77.1	52.8	33.0	16.9	71.9	1395
	09-11	100.0	99.2	91.8	73.9	54.3	35.[illegible]	25.2	17.3	9.0	56.7	1395
	12-14	100.0	98.4	84.4	62.8	44.0	30.3	21.3	15.6	7.3	51.8	1395
	15-17	100.0	96.9	85.4	67.4	49.2	34.9	25.4	15.7	8.1	53.9	1395
	18-20	100.0	99.4	93.2	81.9	68.4	52.5	39.0	27.0	12.3	63.1	1395
	21-23	100.0	100.0	98.9	94.1	86.2	69.3	54.5	37.2	13.4	71.6	1395
TOTALS		100.0	99.2	94.1	84.4	74.0	58.2	44.9	31.5	15.8	65.7	11160

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

AD-A082 411 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PEASE AFB, PORTSMOUTH, NEW HAMPSHIRE. REVISED UNIFORM SUMMARY O--ETC(U)
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2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

04763 PEASE AFB N H/PORTSMOUTH 56-70 JUN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	99.6	98.9	94.6	83.0	59.9	27.7	82.4	1350
	03-05	100.0	100.0	100.0	99.9	99.6	98.1	90.9	70.4	34.5	85.5	1350
	06-08	100.0	100.0	100.0	99.6	99.6	86.7	67.6	44.9	18.1	77.2	1350
	09-11	100.0	99.9	98.1	88.8	69.6	47.7	30.6	19.9	9.3	62.0	1350
	12-14	100.0	99.7	93.8	77.0	54.6	37.3	24.9	15.8	7.2	56.7	1350
	15-17	100.0	99.8	94.4	77.8	59.0	41.4	29.0	18.1	8.2	58.6	1350
	18-20	100.0	100.0	99.0	93.9	81.3	62.6	45.0	29.0	12.1	66.0	1350
	21-23	100.0	100.0	100.0	99.6	97.0	84.7	65.9	44.1	19.6	76.8	1350
TOTALS		100.0	99.9	98.2	92.1	82.1	69.1	54.6	37.8	17.1	70.9	10800

USAF ETAC FORM NO. 0-07-6 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

04763 PEASE AFB N H/PORTSMOUTH 56-70 JUL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	99.9	98.2	88.2	64.1	26.7	83.6	1393
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	94.7	78.9	35.3	86.9	1392
	06-08	100.0	100.0	100.0	99.9	99.1	92.2	74.5	51.9	10.9	79.4	1394
	09-11	100.0	100.0	99.4	93.6	70.2	51.5	34.8	19.6	7.1	63.8	1395
	12-14	100.0	100.0	96.9	82.2	50.9	37.7	23.4	12.5	3.7	56.8	1395
	15-17	100.0	99.9	97.0	84.4	66.3	42.4	29.2	15.7	4.2	59.0	1395
	18-20	100.0	100.0	99.6	96.1	89.4	67.2	47.4	31.1	8.6	69.2	1395
	21-23	100.0	100.0	100.0	99.8	98.1	90.6	71.6	48.0	18.5	78.4	1395
TOTALS		100.0	100.0	99.1	94.8	84.7	72.4	58.0	40.2	15.4	72.2	11156

USAF ETAC FORM 0-97-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

04743 PEASE AFB N H/PORTSMOUTH 56-70 AUG
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.8	98.3	90.2	68.2	26.2	84.2	1375
	03-05	100.0	100.0	100.0	100.0	100.0	99.0	96.7	79.0	34.3	87.0	1395
	06-08	100.0	100.0	100.0	100.0	99.4	94.6	82.3	57.2	21.3	81.3	1395
	09-11	100.0	100.0	99.7	96.1	79.3	55.1	32.8	17.0	4.9	64.1	1345
	12-14	100.0	100.0	98.5	85.5	57.1	34.7	19.3	10.5	3.5	56.4	1395
	15-17	100.0	100.0	98.4	85.9	64.4	39.3	22.4	12.8	4.9	58.2	1395
	18-20	100.0	100.0	100.0	97.6	89.0	71.8	46.8	28.0	10.3	70.0	1395
	21-23	100.0	100.0	100.0	100.0	98.9	93.5	74.8	48.4	18.6	79.1	1395
TOTALS		100.0	100.0	99.6	93.6	80.0	73.3	58.2	40.1	15.8	72.9	11160

USAF ETAC [illegible] 0-87-8 (OL 9)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

04763 PEASE AFB N H/PORTSMOUTH 56-70 SEP
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	99.9	98.0	89.0	67.7	33.4	84.7	1350
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	92.7	74.8	40.8	86.9	1350
	06-08	100.0	100.0	100.0	99.9	99.6	95.9	85.9	63.4	30.8	83.4	1350
	09-11	100.0	100.0	100.0	97.1	86.3	60.6	38.4	22.1	10.4	66.7	1350
	12-14	100.0	100.0	98.4	86.8	61.3	39.9	23.3	14.0	6.6	58.5	1350
	15-17	100.0	99.9	98.2	88.0	68.1	47.3	29.5	17.1	7.8	61.2	1350
	18-20	100.0	100.0	100.0	98.4	96.3	78.0	58.7	35.3	13.1	73.4	1350
	21-23	100.0	100.0	100.0	99.9	98.7	93.3	77.0	53.0	21.3	80.2	1350
TOTALS		100.0	100.0	99.9	96.3	87.8	76.4	61.8	43.4	20.8	74.4	10800

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

04743 PEASE AFB N H/PORTSMOUTH 56-70 OCT
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
UCT	00-02	100.0	100.0	99.9	99.6	96.8	87.2	71.8	51.8	25.0	78.9	1395
	03-05	100.0	100.0	100.0	99.6	97.3	91.3	77.3	55.7	28.7	80.8	1395
	06-08	100.0	100.0	100.0	99.6	97.2	89.8	74.1	50.6	22.9	79.5	1395
	09-11	100.0	99.9	99.2	94.0	74.0	51.7	34.8	20.6	10.8	69.2	1395
	12-14	100.0	99.8	95.8	76.8	49.8	33.3	22.9	14.1	7.0	53.5	1394
	15-17	100.0	99.8	95.6	81.6	61.5	43.4	28.5	18.1	8.5	59.3	1395
	18-20	100.0	99.9	99.6	95.9	82.5	68.6	48.0	29.8	12.5	69.6	1395
	21-23	100.0	100.0	99.8	98.7	94.1	81.5	62.2	40.0	19.6	73.3	1395
TOTALS		100.0	99.9	98.7	93.2	82.0	68.1	52.6	35.1	17.8	70.4	11159

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

04763 PEASE AFB N H/PORTSMOUTH 56-70
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.6	96.7	85.3	66.4	40.6	22.4	77.4	1350
	03-05	100.0	100.0	100.0	99.7	96.9	88.2	69.1	50.1	23.5	78.9	1350
	06-08	100.0	100.0	100.0	99.6	97.1	87.8	69.8	49.0	24.4	78.4	1349
	09-11	100.0	99.9	99.7	96.2	82.5	62.6	45.4	32.7	15.3	69.1	1350
	12-14	100.0	99.8	97.0	82.7	60.0	43.3	33.0	23.6	11.1	60.9	1350
	15-17	100.0	99.8	97.6	87.9	69.0	51.2	37.5	25.6	11.6	62.7	1350
	18-20	100.0	99.9	99.7	96.4	89.2	68.3	47.9	33.1	15.1	70.3	1350
	21-23	100.0	100.0	100.0	98.6	93.9	78.4	57.6	40.6	18.5	74.9	1350
TOTALS		100.0	99.9	99.3	93.1	83.3	70.9	53.3	37.6	17.7	71.6	10799

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

04743 STATION | PEASE AFB STATION NAME | 56-70 PERIOD | DEC MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.9	98.8	92.9	76.9	55.7	34.4	13.2	72.7	1387
	03-05	100.0	100.0	100.0	99.3	94.0	80.8	59.7	39.6	14.0	74.3	1388
	06-08	100.0	100.0	100.0	99.1	94.3	82.0	63.0	42.7	15.2	74.9	1386
	09-11	100.0	99.9	99.1	96.0	82.1	64.5	46.2	26.8	10.3	68.3	1391
	12-14	100.0	99.6	97.3	87.7	68.4	46.1	32.1	19.4	8.3	61.1	1394
	15-17	100.0	99.9	98.1	89.5	69.2	49.9	35.6	21.2	9.5	62.7	1394
	18-20	100.0	100.0	99.4	96.0	84.9	61.0	43.1	27.1	10.5	67.5	1393
	21-22	100.0	100.0	99.8	97.8	89.1	71.2	50.7	31.0	12.0	70.8	1395
TOTALS		100.0	99.8	99.8	99.8	89.0	68.8	48.2	30.5	11.8	69.0	11128

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

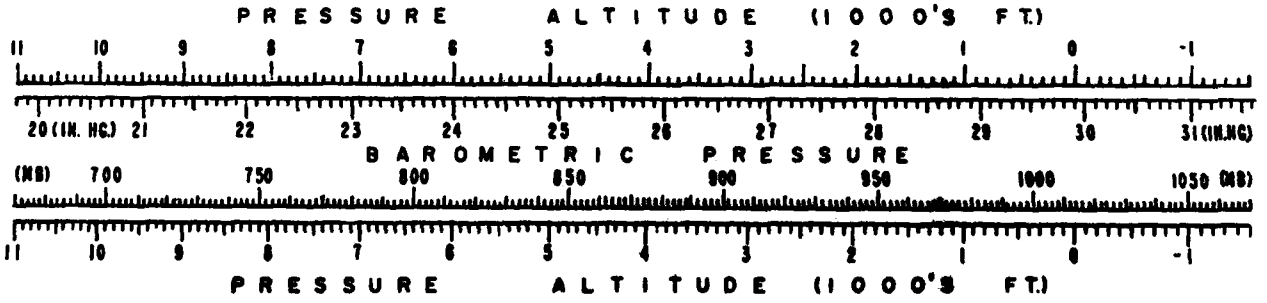
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



F

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

04743 — STATION
PEASE AFB N H/PORTSMOUTH — STATION NAME
50-70 — YEARS

HRS (L S T)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
01	MEAN	29,857	29,817	29,827	29,847	29,870	29,882	29,888	29,852	29,937	29,921	29,877	29,867	29,863
	S. D.	.313	.338	.287	.271	.216	.172	.154	.148	.203	.251	.294	.313	.255
	TOTAL OBS	434	395	434	420	442	450	465	465	450	465	450	465	5335
04	MEAN	29,863	29,824	29,818	29,829	29,870	29,828	29,835	29,846	29,920	29,918	29,875	29,858	29,859
	S. D.	.312	.343	.301	.281	.217	.176	.158	.153	.204	.259	.297	.315	.259
	TOTAL OBS	372	338	372	360	380	390	403	434	420	434	419	434	4756
07	MEAN	29,870	29,828	29,841	29,870	29,898	29,852	29,861	29,873	29,938	29,941	29,897	29,882	29,882
	S. D.	.314	.346	.299	.281	.222	.182	.158	.156	.208	.260	.299	.309	.261
	TOTAL OBS	433	395	434	420	442	469	465	465	450	465	449	465	5332
10	MEAN	29,894	29,849	29,861	29,880	29,898	29,848	29,855	29,874	29,961	29,944	29,901	29,894	29,886
	S. D.	.317	.345	.313	.287	.217	.181	.169	.158	.207	.268	.303	.313	.264
	TOTAL OBS	372	338	372	360	380	389	403	434	420	434	419	434	4755
13	MEAN	29,836	29,788	29,803	29,829	29,860	29,825	29,833	29,846	29,929	29,899	29,858	29,847	29,847
	S. D.	.312	.343	.297	.281	.220	.181	.160	.157	.208	.261	.301	.309	.261
	TOTAL OBS	434	395	434	420	442	450	465	465	449	465	449	465	5334
16	MEAN	29,844	29,798	29,786	29,795	29,841	29,804	29,812	29,826	29,907	29,888	29,853	29,844	29,834
	S. D.	.309	.332	.301	.272	.211	.174	.161	.159	.207	.261	.299	.309	.257
	TOTAL OBS	372	338	371	360	381	390	403	434	420	434	419	434	4756
19	MEAN	29,864	29,812	29,810	29,831	29,858	29,812	29,820	29,837	29,920	29,913	29,879	29,876	29,854
	S. D.	.308	.327	.297	.269	.207	.180	.164	.147	.209	.252	.293	.304	.252
	TOTAL OBS	434	395	434	420	442	450	465	465	450	465	449	464	5334
22	MEAN	29,870	29,823	29,836	29,862	29,890	29,837	29,845	29,857	29,939	29,933	29,892	29,869	29,868
	S. D.	.314	.341	.298	.280	.207	.177	.164	.147	.208	.257	.295	.313	.254
	TOTAL OBS	372	338	372	360	381	390	403	434	420	434	419	433	4736
ALL HOURS	MEAN	29,863	29,817	29,826	29,850	29,879	29,838	29,847	29,858	29,930	29,918	29,879	29,867	29,862
	S. D.	.313	.339	.297	.276	.215	.176	.160	.153	.206	.256	.298	.311	.256
	TOTAL OBS	5035	4581	5035	4920	5178	5328	5578	5604	5479	5604	5472	5604	63344

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DATA PROCESSING DIVISION
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MEANS AND STANDARD DEVIATIONS

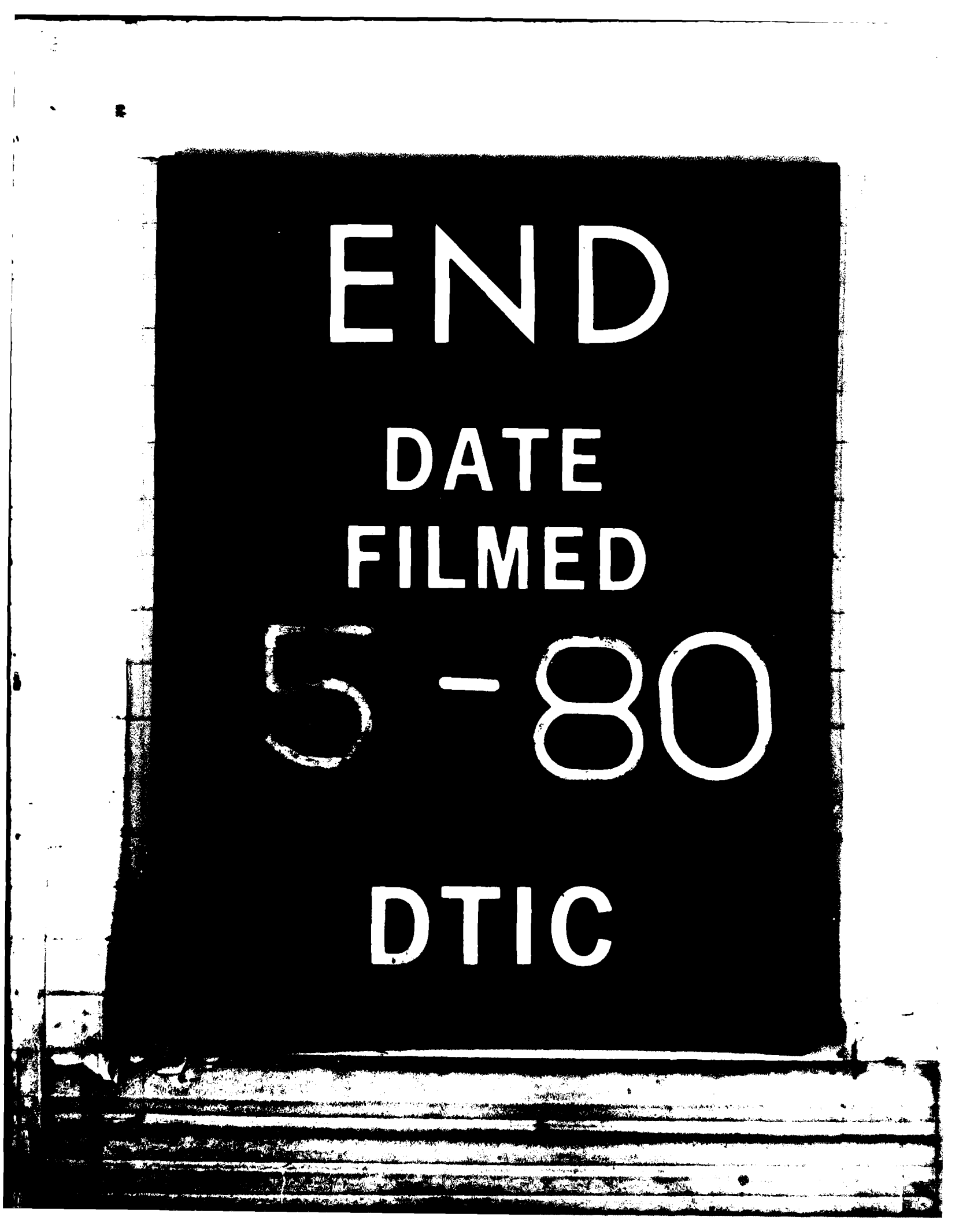
SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

04743 PEASE AFB N H/PORTSMOUTH 50-70

STATION STATION NAME YEARS

HRS (L S T)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP.	OCT	NOV.	DEC	ANNUAL
01	MEAN	1015.1	1013.8	1014.1	1014.7	1015.3	1014.1	1014.3	1014.7	1017.6	1017.1	1015.7	1015.4	1015.2
	S. D.	10.633	11.534	9.800	9.098	7.298	5.862	5.228	5.126	6.883	8.446	10.046	10.656	8.670
	TOTAL OBS	434	395	434	420	437	450	465	465	450	465	450	465	5330
04	MEAN	1015.2	1013.7	1013.8	1014.5	1015.3	1014.0	1014.3	1014.6	1017.5	1017.0	1015.7	1015.4	1015.1
	S. D.	10.689	11.728	9.998	9.289	7.448	6.033	5.276	5.232	6.995	8.610	10.100	10.637	8.789
	TOTAL OBS	434	395	434	420	437	450	465	465	450	465	450	465	5330
07	MEAN	1015.6	1014.2	1014.6	1015.3	1016.3	1014.8	1015.1	1015.5	1018.4	1017.8	1016.3	1015.9	1015.8
	S. D.	10.637	11.730	10.196	9.439	7.513	6.167	5.362	5.377	7.057	8.761	10.212	10.539	8.858
	TOTAL OBS	434	395	434	420	437	450	465	465	450	465	450	465	5330
10	MEAN	1016.3	1014.9	1014.6	1015.3	1016.1	1014.7	1015.0	1015.5	1018.5	1017.9	1016.6	1016.6	1016.0
	S. D.	10.729	11.832	10.315	9.558	7.506	6.207	5.443	5.448	7.104	8.930	10.377	10.575	8.950
	TOTAL OBS	434	395	434	420	437	450	465	465	450	465	450	465	5330
13	MEAN	1014.4	1012.8	1013.3	1014.1	1015.0	1013.8	1014.1	1014.6	1017.4	1016.4	1015.0	1014.7	1014.7
	S. D.	10.586	11.690	10.133	9.423	7.446	6.128	5.444	5.412	7.075	8.815	10.252	10.532	8.848
	TOTAL OBS	434	395	434	420	437	450	465	465	450	465	450	465	5330
16	MEAN	1014.3	1012.7	1012.8	1013.3	1014.3	1013.2	1013.3	1013.9	1016.7	1016.0	1014.9	1014.9	1014.2
	S. D.	10.570	11.333	9.969	9.077	7.254	5.945	5.377	5.313	7.076	8.656	10.116	10.425	8.685
	TOTAL OBS	434	395	434	420	437	450	465	465	450	465	450	465	5330
19	MEAN	1015.4	1013.6	1013.7	1014.1	1014.7	1013.4	1013.8	1014.2	1017.3	1016.9	1015.7	1015.8	1014.9
	S. D.	10.370	11.162	9.782	8.803	7.003	5.784	5.220	5.090	7.077	8.489	9.999	10.464	8.537
	TOTAL OBS	434	395	434	420	437	450	465	464	450	465	450	465	5330
22	MEAN	1015.3	1013.7	1014.2	1014.9	1015.8	1014.1	1014.5	1014.9	1017.8	1017.2	1015.9	1015.8	1015.4
	S. D.	10.561	11.301	9.727	8.848	7.076	5.734	5.179	5.068	6.989	8.511	10.015	10.362	8.581
	TOTAL OBS	434	395	434	420	437	450	465	464	450	465	450	465	5330
ALL HOURS	MEAN	1015.2	1013.6	1013.9	1014.5	1015.3	1014.0	1014.3	1014.7	1017.6	1017.0	1015.7	1015.6	1015.2
	S. D.	10.581	11.581	9.907	9.008	7.248	5.990	5.285	5.201	7.048	8.667	10.145	10.555	8.759
	TOTAL OBS	5208	4740	5208	5040	5244	5400	5580	5574	5400	5580	5400	5580	63960

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